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## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: DENISE Buckley Examiner #: 75038 Date: 6/17/03  
 Art Unit: 3641 Phone Number 305-0041 Serial Number: 109/756796  
 Mail Box and Bldg/Room Location: PK5-3A27 Results Format Preferred (circle):  PAPER  DISK  E-MAIL

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: ELECTRONIC Book System & IT'S CONTENTS DISPLAY. ME

Inventors (please provide full names): ATUSHI Ishibashi, YUICHI KASUKEGAWA,  
MASAKI TAKANO, YUSIN TSUKADA g06f-017?  
1/12/2000 g09g-005?

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

(1)  PORTABLE READING DISPLAY INTERNET  
 •  REMOTE  TERMINAL  ONLINE SERVICE

②  HEADLINE DISPLAY  
 {  RETRIEVAL LIST  
 OPERATIONAL MENU DISPLAY  
 \*BOOK INTERNET DATA SELECTION OPERATION MENU  
 \*BOOK JUMP OPERATION INTERNET  
 \*AD HEADLINE DISPLAY

③  OPERATIONAL DISPLAY MENU PAGE RATIO NUMBER  
 Book INFORMATION CONTENTS PURCHASE INTERNET  
 CONTENTS DATA ONLINE

④ Book INFO. INTERNET SUB SERVERS ~~MANAGE~~  
 CONT. DATA ~~MANAGE~~  
~~STORAGE~~ TEMPORAL

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Type of Search

Vendors and cost where applicable

## 6. Towards Wireless Overlay Network Architectures

... Making Learning Classroom Info Appliances E-Book Vehicles PDA Handset Laptop Camera Smartboard MEMS Sensor/Actuator/Locator ...  
www.cs.berkeley.edu/~randy/Talks/ATT99.ppt - September 7, 1999

## 7. PART1 - DEVELOPPEMENT TECHNIQUE DE L'INTERNET : Rapport de Mission

Rapport de Mission Développement Technique de l'Internet Mission confiée par Christian Pierret, Secrétaire d'Etat à l'Industrie à Jean-François Abramatic dans le cadre du programme d'action gouvernemental pour la société de l'information.  
mission-dti.inria.fr/Rapport/rapport.html - June 24, 1999

## 8. Cs247b Issues 98-99

... PC extension vs. standalone. PDA vs. E-book for addresses ...  
www-pcd.stanford.edu/cs247b/key-points.html - June 1, 1999

## 9. Towards Wireless Overlay Network Architectures

... Making Learning Classroom Info Appliances E-Book Vehicles PDA Handset Laptop Camera Smartboard MEMS Sensor/Actuator/Locator ...  
endeavour.cs.berkeley.edu/talks/canny.ppt - July 22, 1999

## 10. Towards Wireless Overlay Network Architectures

Diverse Devices 2. Data Utility 3. Capture/Reuse 4. Negotiation 5. Tacit Knowledge 6. Classroom 7. Design Methods 8. ... Making Learning Classroom Info Appliances E-Book Vehicles PDA Handset Laptop...  
www.cs.berkeley.edu/~randy/Talks/endeavourkickoff99.ppt - June 2, 1999

## 11. Rapport DTI: Équipements

... (PDA), les baladeurs musicaux rechargeables (supportant par exemple le standard MP3), les livres électroniques ("e-book"), ...  
mission-dti.inria.fr/Rapport/equipements.html - June 24, 1999

## 12. Crack Open an E-Book

... Crack Open an E-Book. "We're not trying to replace those books in your living room." ... where books can be downloaded onto your PDA. The problem is you ...  
more.abcnews.go.com/sections/tech/dailynews/ebooks980630.html - July 1, 1998

## 13. Ten New Geek Words

This is the popular name for the Ethernet local-area-networking standard more officially known as 10Base-2. This standard could move 10 megabits per second on a cable up to 200 meters long. ... e-Book. An e-book is a book you read on your computer. ... faxes, and so on) via their mobile phone, pager, personal digital assistant (PDA), or other wireless device. ...  
www.msc.edu.ph/wired/gspeak-13.html - December 1, 1999

## 14. Newton POC: Articoli

... per un attimo su due interessanti caratteristiche del nostro pda preferito: La prima permette agli utenti Newton ed ... un bel libro in formato e-book per farsi conoscere ai piu'. ...  
www.powerclub.org/newtonarchivio/newtonart13.html - April 8, 1999

## 15. eBook

eBook is a book-reading appliance, similar in size and appearance to the new generation of hand-held devices. eBook is specifically designed for reading of electronic text. ... why librarians are buying e-book devices like SoftBook or ... like netLibrary to develop public library-friendly e-book collections. ... do we find out about an e-book's publication? ...  
tigger.stcloudstate.edu/~pmiltenoff/ebook/ebook.html - December 1, 1999

## 16. E-Books

The ultimate web resource page. One page to rule them all, one page to find the, One page to bring them all. And in the darkness bind them. ... digital texts don't get pirated--a coup for e-book developers, who needed this feature before book ... are already managing a notebook, PDA, and cell phone don't want ...

[www.neloweb.8m.com/e-books.htm](http://www.neloweb.8m.com/e-books.htm) - November 3, 1999

#### 17. Grauer Update-September

... daVinci by Royal Consumer Business the PDA (personal digital assistant) has a greatly expanded ... Popular Contemporary Books In E-Book Format. Peanut Press has established partnerships ...

[www.prenhall.com/grauer/updates/sep98.html](http://www.prenhall.com/grauer/updates/sep98.html) - February 3, 1999

#### 18. Framework for Smart Card Use in Government - FIPR Response

... whether the signing mechanism is implemented on a smartcard or a PDA or in general purpose software may turn out to be a ...

[www.cl.cam.ac.uk/users/rja14/cards.html](http://www.cl.cam.ac.uk/users/rja14/cards.html) - November 22, 1999

#### 19. KULTUR

«Ich säte Drachen und ernte Flöhe!» ... digital-elektronischen Freizeitparks ausgeholt, indem er einen E-Book-Literaturpreis ausgeschrieben hat, der mit einer ...

[www.pda.ch/vorwaerts/1999/4299kultur.html](http://www.pda.ch/vorwaerts/1999/4299kultur.html) - October 23, 1999

#### 20. Current technologies for device independence

... electronic book readers). urzdzienie typu PDA. telefony. interaktywna telewizja ... głównych standardach publikacji elektronicznych: Docbook, PDF i specyfikacja Open E-Book Forum. ...

[www.icslab.agh.edu.pl/~carlos/msc/intro](http://www.icslab.agh.edu.pl/~carlos/msc/intro) - January 22, 1997

#### 21. Links for OSEP

... Ebook, Stylus, PDA Related (Some book sites) ... Downloads eBookNet Home: Electronic book hardware, content, information, e-publishing, e-book news, and hardware reviews! ...

[www.geda.seul.org/~acody/links.html](http://www.geda.seul.org/~acody/links.html) - December 8, 1999

#### 22. untitled

Article 7821 of alt.best.of.internet: Path: senator- bedfellow. sippb- server- 2. Your information will be verified and included only with your permission. ... or Garamond fonts. Electronic (E-book)... [web.mit.edu/wchuang/Networks/NetPages.info](http://web.mit.edu/wchuang/Networks/NetPages.info) - September 28, 1994

#### 23. Palm Pilot 19971011

Palm Pilot 199710110 Palm Pilot 1997101120 199792130 (1997/10/10) IKESHOP PIOTRNITRO [home.att.ne.jp/red/tetsujih/pilot/pilot1997101.html](http://home.att.ne.jp/red/tetsujih/pilot/pilot1997101.html) - February 22, 1999

#### 24. FBCN - FREE Business Classifieds Newsletter-Issue No.177

... cell phone or PDA when the information changes.This is a ...

[www.emailexchange.org/10.1.99.html](http://www.emailexchange.org/10.1.99.html) - December 16, 1999

#### 25. Web Page: Mary E. Brown

Web Page: Mary E. Brown

[www.southernct.edu/~brownm/lyons.html](http://www.southernct.edu/~brownm/lyons.html) - October 27, 1999

#### 26. PC/GEOS FAQ List part 1/2 -- comp.os.geos.misc FAQ

PC/GEOS FAQ List part 1/2 -- comp.os.geos.misc FAQ The most recent version of this file can be found at any news.answers archive site. One such site is rtfm.mit.edu, in the /pub/usenet/comp.os.geos.misc subdirectory.

[omicron.felk.cvut.cz/FAQ/articles/a2630.html](http://omicron.felk.cvut.cz/FAQ/articles/a2630.html) - July 17, 1997

#### 27. LufWiki . Talk . Cyberspace, Internet, WWW (1998): Re: JoeyPAD...

Search: LufWiki . Talk . Cyberspace, Internet, WWW (1998): Re: JoeyPAD preempted Main . { LUF | LufWiki | Welcome | What's New | What's Hot! | Site Map | Search | Questions? | Contact | Join

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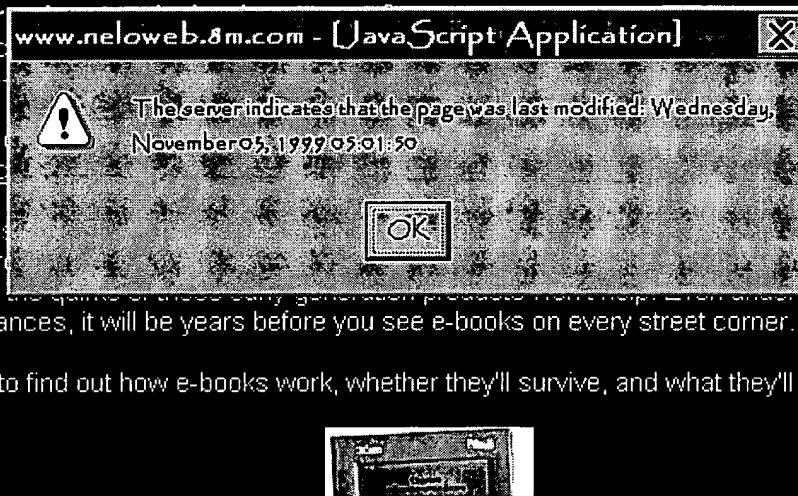
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The texts of tomorrow

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## ELECTRONIC BOOKS

### Electronic books The texts of tomorrow

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But don't say goodbye to your hardcovers just yet. No one knows if the majority will take to digitized reading. Changing paradigms--especially for something as basic as reading--takes time, and the quirks of these early-generation products won't help. Even under the best circumstances, it will be years before you see e-books on every street corner.

Read on to find out how e-books work, whether they'll survive, and what they'll look like in the future.

### Read a book on your PalmPilot.

### Where we've been

#### The early years

Electronic books first appeared in 1940s science fiction novels, but over the last ten years or so, we've seen many real-life attempts to bring products to market. Most failed. The few that did appear--like the Sony Bookman or the Franklin Bookman--never enjoyed mainstream use. The problems? Small, unreadable screens; short battery life; no encryption technology to protect publishers' copyrighted texts (and thus, a limited selection of titles); impractical means of distribution, such as CDs or proprietary cartridges.

Still, e-books seem like a sound idea for both publishers and consumers. Electronic distribution reduces the high cost of printing books and allows publishers to back more titles that appeal to fringe markets. In addition, electronic books offer several conveniences: you can carry more than one book at a time (e-books today hold from 4,000 to 100,000 pages of text), search lengthy texts, and get immediate access to downloadable titles via the Net.

### On your desktop

For quite some time, books have been available over the Internet for desktop or laptop computers. Project Gutenberg began organizing volunteers to type public-domain books into computers in 1971; today the site offers hundreds of titles, from Shakespeare and Dickens to the Bible and the Declaration of Independence. Other sites distribute electronic content--from literature to e-zines--as .html, .txt, .pdf, or ascii files. But few enjoy reading at a desktop computer for long--scrolling makes you woozy and the poor resolution on desktop displays hurts your eyes. If digital texts are to be read onscreen, they need a better display device, one's that more like a real book.

### On your PalmPilot

Trying to capitalize on existing technologies, online publishers such as Online Originals made their titles available for download to the 3Com PalmPilot. Many independent sites have reformatted public-domain titles for the PalmPilot; another site, the Peanut Press, will offer a variety of titles from book publishers--everything from science fiction to first-run titles--later this fall. However, despite the PalmPilot's popularity, its small, gray screen leaves much to be desired in terms of readability.

### Where we are

Today's electronic books solve many problems of earlier, failed models. They combine the portability of handheld computers with better screen resolution and book-like formatting. For instance, you can say good-bye to scrolling. With e-books, you read one page at a time, and click to turn the page. E-books also include a stylus for scribbling notes in the margin, and the ability to enlarge text, search a document by keyword, or define a word by clicking on it. Each book incorporates high-level encryption to ensure that digital texts don't get pirated--a coup for e-book developers, who needed this feature before book publishers would allow them to distribute copyrighted titles.

### This year's models

Three electronic books are debuting later this fall: NuvoMedia's Rocket eBook, the Librius Millennium Reader, and the SoftBook. The 1-pound, 4-ounce Rocket eBook closely resembles the 3Com organizer in appearance and size. (It's no wonder, since it was made by the PalmPilot designer.) Plug it into the serial port of your computer and download manuscripts from sites such as Barnesandnables.com, then transfer them to your Rocket eBook. Reading is easy on the eyes thanks to its backlit, glare-resistant, high-resolution screen--it generates 105 dots per inch (dpi), quite an improvement over the 72 dpi you get on most desktop PC monitors. Its battery life is long, 20 hours, and its price is the highest of the e-books debuting this fall, \$499.

The cheapest and lightest of the bunch is the one-pound, \$200 Millennium Reader. It works much like the eBook: plug it into a PC, then download texts through the computer to the Reader. It's unique in that its 10,000-title library includes many romances and popular fiction

Another model, the SoftBook, looks more like a writing tablet than a book: the screen is a full 8-1/2 by 11 inches, and the device weighs a hefty 3 pounds. It also holds more pages than its competitors--as many as 100,000. But the biggest difference is that the SoftBook doesn't require a PC. Instead, it includes its own modem: just plug it into a phone jack and download titles from the SoftBook online library, which includes hundreds of books and a daily newsfeed. You pay \$299 for the device, plus \$20 per month as part of an advance-purchase agreement.

### The market

According to these manufacturers, e-books are not meant for casual readers--at least, not for now. As Jim Sachs, the CEO of Softbook put it, "[Electronic books] are for people who must read lots of essential info regularly, such as students, professionals, doctors and lawyers." Success for e-books in the educational market seems likely, since schools would appreciate how easy e-books are to update. As more titles become available and consumers become used to electronic books, Marcus Colombano, Director of Marketing at NuvoMedia, believes they "will be used by everyone who reads."

There are, of course, problems for certain users. Traveling professionals who are already managing a notebook, PDA, and cell phone don't want to carry another device. David Thor of Sherwood Research says "The concept of e-books makes sense, but using a separate device for it does not." He believes e-books will be more successful in the future, when the specialized hardware goes away. In addition, there's always a reticence to accept an unfamiliar technology. According to a recent study by Sherwood Research, almost 80 percent of the participants said they would rather print out a book-length text using a file format like Adobe's Acrobat Reader, than read it from a handheld device.

### The space-age-looking Everybook

#### Where we're going

##### Will e-books survive?

Initial response to the Rocket eBook and the SoftBook has been positive, painting a hopeful future for the electronic book. In the next few years, the devices will change and adapt to fit users' needs. As Jonathan Guttenberg, VP of new media at NY Random House put it: "We're going to see an evolution. As new uses arise, new form factors will appear." Already the Rocket eBook and SoftBook offer different paradigms; more will surely emerge.

Industry experts agree that electronic books will not replace printed books. Just as radio survived TV, and film lived on after video, traditional and electronic books will coexist in the future.

Softbook CEO Jim Sacks says "Electronic books will be ubiquitous within five-plus years." Librius' chief executive officer, Don Bottoms, predicts electronic books will be a \$2.5 billion market by 2002--a statistic few agree with.

Jonathan Guttenberg of NY Random House thinks that the market will be slow to take off, as consumers get used to e-books and find their own, personal needs for them. Consumer interest will also be piqued by the eventual drop in prices, the growing number and availability of titles--both Librius and NuvoMedia envision kiosks in supermarkets and bookstores for downloading the latest digital texts.

#### Near-future book

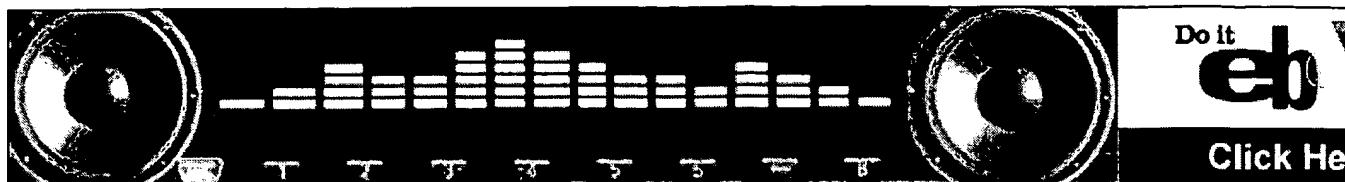
By early 1999, a new electronic book called the Everybook will be available. Offering two large (13-inch) color LCD screens bound in a metallic casing, it attempts to mimic a real book. Its screens replicate book layouts exactly--showing colored text, graphs, mathematical formulas, and illustrations. At 3.7 pounds, it's the largest e-book we've seen yet, and it has the largest capacity: 500,000 pages. Like the SoftBook, it includes a modem for downloading texts from the Everybook site. The catch? Its \$1,500 price tag. Everybook's Daniel Munyan hopes it will appeal to those who already spend thousands on high-end reference books.

#### Electronic ink

In the distant future, look for electronic ink, a technology developed by Professor Joseph Jacobson and his colleagues at MIT. With this ink, one could create "an electronic display that can be updated digitally but looks and feels like paper," says Russell Wilcox, vice president and general manager of Business Development at E Ink.

The "ink" consists of tiny particles that are black on one side, and white on the other. Electric impulses sent from the spine of the "book" inform the particles which way to turn, thus creating a page of words. Because this ink could be printed on any material, the e-book of the future could hold pages that change depending on what you want to read. This technology could also be used to create a newspaper that wirelessly receives transmissions of the latest stories, and is therefore always up to date. It will be many years before we see such a product in mainstream use, but E Ink hopes to have prototypes available within five years.

No one knows exactly what electronic books will look like in years to come, but it is clear that they are no longer merely the stuff of science fiction. This fall marks the emergence of the first e-books that may make it as a commercial success; from here, it'll only get better.



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[www.softbook.com/softbook\\_sys/consumers\\_sb.html](http://www.softbook.com/softbook_sys/consumers_sb.html) Page 2. ... To overcome the small PDA-screen  
Kamba et al. ...  
[www.fxpal.com/ConferencesWorkshops/chi99deb/submissions/lemken.pdf](http://www.fxpal.com/ConferencesWorkshops/chi99deb/submissions/lemken.pdf)

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PDA document repository on the net. Pocket Data Docs ...  
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[tigger.stcloudstate.edu/~pmiltenoff/ebook/ebook.html](http://tigger.stcloudstate.edu/~pmiltenoff/ebook/ebook.html)

#### 4. [untitled](#)

... Tue, 3 Nov 1998 23:32:32 -0500 From: George Capalbo <gcapalbo@backbone.com>  
Subject: PEANUT PRESS PILOT EBOOK DEMO NOV 10TH AT BOSTON PDA USER GROUP ...  
[bugc.org/Notices/97-98/November/PDA\\_Nov10.txt](http://bugc.org/Notices/97-98/November/PDA_Nov10.txt)

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... Reading on a PDA is a different experience than reading on a dedicated ebook device. ... The text

## NIST EBOOK CONFERENCE

National Institute of Standards and Technology

Gaithersburg, MD

Sept. 21-22, 1999

Note: these notes were taken by Tom Peters. They are not intended to serve as a substitute for actually attending the conference or reading the proceedings and contributed papers. My personal comments and questions are enclosed in brackets.

**HIGHLIGHTS:** The Open EBook (OEB) standard was officially adopted on Sept. 21, 1999. DRM (Digital Rights Management) and "immersive reading" [I don't think that means merely reading in the bath tub.] were the buzz phrases. Glassbook has abandoned its intent to create a dedicated reading device; it now presents itself as a software producer. The Rocket eBook and the SoftBook continue to be the only two devices that have made it to market. The PDF format is firmly entrenched in government and corporate records management systems. This may be a challenge for the OEB standard. Non-US prices for etexts are much lower than what US publishers are demanding. Most of the speakers seemed to agree that content is more important than technological innovation.

**McCravy (NIST Info Storage and Integrated Systems Group):** Over 600 attendees. Over 30 exhibitors. Open EBook Initiative group will meet on TH at 9:00 AM. Lab tours begin at 4:30 on TU. The industry now is working together on common standards for content. NIST has been working on a CD-Book project since 1997. NIST is interested in ebooks because of standards, readability and usability, and interoperability. The Info Tech Lab has been developing a Janus ebook prototype. NIST wants to develop prototypes, work on standards, and work with the industry. NIST has an electronic book data transmission project, which is trying to determine which works better, downloading over the Internet or inserting DVDs. Currency of info and download times are key issues. Security and network congestion are additional considerations. Future ebooks will be wireless, providing real-time access to newspapers, Web content, etc. NIST has developed a low-cost Braille reader to be used with dedicated reading devices. What is needed to make this industry thrive? How to ensure a wide, pervasive, standardized distribution of content? What applications do end-users want? DRM (Digital Rights Management) may be the next big issue. [A DRM standard could allow libraries to purchase content closer to the point of use.] What roles can NIST play in the development of this industry? What are the major stakeholder groups?

**Kammer (Director of NIST):** Encourages voluntary standards in the ebook industry. NIST is part of the Dept. of Commerce. Technical contributions are the focus. No standards are mandated--all voluntary. NIST manages the Malcolm Baldrige National Quality Award.

**Geschke (Adobe Systems):** Co-founded Adobe in 1982. The future of the publishing industry, and what Adobe can do. Gutenberg was not successful as a businessman, but Caxton was, because he listened to his suppliers and customers. Desktop publishing (DTP) had a tremendous impact on the economics of publishing, especially the cost and turnaround time for content creation. The Internet cuts delivery costs, but not content creation costs. Adobe wants to offer the best digital solutions for electronic and print info transfer, worldwide. All communication is going digital. All pre-press activity is now digital. Digital video, cameras, and camcorders. The Web is a convenient digital distribution mechanism. Audio industry is \$12 billion, but publishing is \$61 billion (including business and education publishing). Obstacles to mass acceptance include available content, secure ecommerce distribution, and flexible consumption. Paper is okay for reading, but not ideal for distribution, storage, and archiving of info. Publishers want to be able to brand identify their content. A recent enhancement to the Adobe Acrobat reader software enables secure Web purchases of content. Adobe PDF Merchant handles the rights management. They displayed a prototype system for a completely online bookstore, that delivers full-image content to the end-user and end-device. With the new Acrobat Reader, you can rotate the image 90 degrees, as with the rocket ebook. The superdistribution model enables friends and colleagues to share information, with the publisher and/or copyright holders managing the access to content. Future versions of Acrobat will not be exclusively page-bound, in terms of display, they also are working on a vector graphics (SVG Scalable Vector Graphics) standard through W3C, which revolutionize the ebook reading process. Charles Myers is the Director of Business Development at Adobe. Publishers want to protect their digital rights. They are looking for a viable business model. XML began in the 1960s, when Charlie Goldfarb advocated separating content from formatting, so that formatting can be determined on the fly. The book of the future will not be static. MS ClearType is a significant development in the readability of liquid crystal displays. [Who is going to backup and archive all of this digital content?] Everybook and Glassbook are partners with Adobe. CSS = cascading stylesheet standards. EBX =? Electronic Book Exchange, an emerging standard for distributing ebooks. The Acrobat Merchant plus Web Buy software does accommodate the library lending model, loaning content to friends, etc. Superdistribution capitalizes on future, distributed sales capabilities, so that payment is transferred only when people read/access the content.

**Brass (Microsoft):** The future of reading. We are embarking on a revolution that will change the world at least as much as Gutenberg did. [At this point the fire alarm went off, and the auditorium was evacuated.] He predicts that

the last trade paper book will appear in 2018. Thomas Jefferson and Vannevar Bush were early predictors of ebooks. ClearType and immersive reading have appeared in the past 12 mos. Lending books is as important as selling books. We need to preserve free lending libraries. The Tablet PC may be the promised natural PC. MS Reader will improve the online reading experience. Copy protection developments have become real and realistic. Copy protection remains a major concern. Content piracy probably will come through the back door, via OCRing and keying. There is almost no defense against backdoor pirating of content--in any medium. We need to avoid another MP3 situation by fostering habits of honest purchase. We need to treat people like honest people. Brass predicts that 1 million dedicated reading devices will be sold by the 4th Q of 2001. The quality of paper is the great target to reach, compared to 300 million PCs and laptops already purchased. Electronic encyclopedias quickly replaced printed encyclopedias because the reading experience was enjoyable, because the computer benefits were tremendous, compared to the print versions, and because the e-version was a fraction of the price. If ebooks are to be successful, the cost situation has to be attractive to the consumer. By 2002, the onscreen resolution will meet the print resolution. Storage density will increase rapidly. Ebooks really are elibraries, containing lots of texts. By 2004 the tablet PC will become viable--a reading and writing slate that runs all applications. By 2005, epublishing will become a billion dollar industry. By 2006, airlines will offer in-flight e-mags. By 2008, ebook sales will overtake paperback book sales. By 2009, many authors will be self-publishing. Author coops, perhaps based on topic or genre, will emerge. Readers will subscribe to authors. By 2010, the average ebook device will hold 1 million titles and weigh less than a pound. Converting the 16 million LC books to digital format will be a charitable task undertaken by the industry. Printed books will be a fashion statement and home decorating option. By 2018, 90 percent of all books sold will be ebooks. A book is a substantial piece of writing, regardless of how it is delivered and displayed. The MS Reader looks like a printed book. The screen is very uncluttered. MS plans to offer the Reader software for free, at least in the beginning. It contains copy protection features.

Mallett (Dept. of Commerce): Gutenberg often was sued by various groups. When he published his bible, he did not own the right to any profits. The ebook industry has become more harmonious during the last 12 mos. NIST wanted to facilitate and foster harmonious movement in agreed upon directions. We now have agreements on basic technical specs. The open ebook group is to be commended. Thomas Jefferson could not live without books and reading. Most Americans currently manage to survive without ebooks. How can we help the general public see the advantages of ebooks. The braille reader is a new machine takes ebook content and translates it into braille. It is being developed at NIST. The Advanced Encryption Standard is designed to keep e-transactions safe and private for years to come. It will build confidence in ecommerce without stifling innovation and competition. Ecommerce is revolutionizing all aspects of our lives, and it is leveling the business playing field. But ecommerce still represents a very small percentage of all commerce. Limited regulation does not mean no regulation. Self-regulation needs to be encouraged. Privacy concerns are the main reasons more people do not shop on the net. Approx. two-thirds of Web sites now display their privacy policies. MS and IBM refuse to advertise on sites that do not display their privacy policies. Consumer protection is the next big challenge for ecommerce. Consumer protection is a much more complex challenge than privacy protection. For ecommerce, which jurisdiction applies, the jurisdiction of the seller, or that of the buyer? We need to protect both the copyrights of content creators and the consumer rights of the general public. NIST wants the industry to work together to fulfill the promise of ebooks and epublishing. Will the age ever arise when we cannot live without ebooks?

Open Ebook Standard: MS, NIST, SoftBook, BCL Computers, Nokia, Versaware, FX Palo Alto, Productivity Works, Project Gutenberg, Daisy Consortium, Simon & Schuster, GlassBook, Exemplary Technologies, Nuvomedia, Overdrive Systems, Brown University, RR Donnelly, Red Figure, and Global Mentor were involved in the authoring group.

Sachs (SoftBook Press): It has been four years since he first designed the softbook. There are various segments to the industry, and they use different terminology. SoftBook provides an end-to-end solution to all facets of epublishing. They sell to enterprise companies and individuals. The SoftBook has both a modem and an Ethernet connection. They also sell content, including docs, books, mags, and newspapers. Bookmill is their software. Personal Bookmill enables the user to save a MS Word file into the open ebook file format. The SoftBook Store is their online bookstore. Industry segments all begin with content, the core of the business. Technology is not the core. They want to create an immersive reading experience. Tools for content conversion are required. Content, standards, tools, selection, aggregation, retailing, digital rights management (DRM), ecommerce, security, delivery, storage, and reading are essential components. It's difficult to differentiate the competitors from the partners. We need to develop a common terminology. Content is almost indefinable; the title count grew last year, but more is required. Users want to pay less for e-versions of content. OEB (Open EBook agreement) is a significant first step. [www.oeb.org](http://www.oeb.org). The specifications are in OEB format. Multiple conversion tools are available, and conversion services are sprouting up all over. Conversion procedures are being automated. Exportation across formats and software is becoming more facile. Aggregation and selection activities are increasing. These companies are being driven by market demands, but all currently operate as islands, without much portability. Retailing is still in its early stages, and the prices remain high, compared to paper. Watch and follow where the eyeballs are. Ebooks blend well with paper books. Ecommerce also has advanced. People show little resistance to ecommerce. There are many ways to generate revenue beyond outright sales for ownership in perpetuity. More awareness of the need for DRM, but no DRM standards have yet emerged. The idea of superdistribution: carpet bomb the world with content, then require payment when the content is unwrapped and used. DRM will ease portability. The dedicated readers have proven to be secure, but security is a relative issue. Security requires constant vigilance. Delivery has focused on the Internet and loadable storage into the PC. Most companies are leaning toward Internet delivery. The systems are not yet cross-compatible. Users like the speed and ease of the

delivery of content. There are dedicated reading devices, and software-based readers. We cannot yet predict the killer app that will make ebooks take off. The next year promises continued cooperation, more content, more standards, more tools and services, more cross-compatibility, more customers, and lower prices. Will ebooks be able to merge books on paper and books on tape? Ebooks will be able to speak. We need DRM standards and distribution standards.

Eberhard (NuvoMedia): What is an ebook? Who reads ebooks? Where are we headed? Electronic reference books have been around for approx. a decade, but they were not designed for serious, immersive reading. CD-ROMs were hailed as the new papyrus, but they didn't solve any fundamental problems for the book industry. AAP hired Global Integrity to undertake an ebook security assessment. They found flaws in the general-purpose reading devices. Ebooks now have a compelling reading experience, a secure distribution systems, and a complete system. The experience of an ebook extends beyond the image on the screen. Reading is a complete human experience--intellectual, tactile, etc. Readers of ebooks include frequent travelers, people who want immediate news, people who have tried reading on PCs, people who want large print, and people who love to read. The hardware will only get better. This is an area where technology excels. Ebook editions will be released prior to editions in other formats. Authors will write for the ebook readers and the reading experience: hypertext, etc. An ebook is more than just words on a screen; it's an entire aesthetic experience. Reading on a PDA is a different experience than reading on a dedicated ebook device. An OEB upgrade for the Rocket eBook device will be available free of charge. Powells.com, B&N, and Oncampus are selling rocket editions.

Catherine Skinner (for Don Bottoms) (Librius): How to get sellers and readers together? This is like the early days of Comdex and the cable industry. Readers expect a paper book, portability, mobility, sharability, value, readability, and access in perpetuity. Sellers expect DRM, security, integrity of the content, stability, and lots of customers. Currently we have different platforms, different hardware, wireless computing, commerce software, and rights management software. Librius wants to provide a open, integrated program for the delivery and use of content. Books2read.com is ready today to provide links to existing hardware, device mobility, and storage capabilities. The site provides sellers with security at different levels, DRM, importing in different formats, and ecommerce support. The system is still in beta test. The "my library" feature of Books2read.com is essential. It enables readers to manage the content they own. Librius is working on an open end-to-end solution that will be announced soon. They don't want to be a retail online bookstore. How does a buyer know his/her rights without reading a lengthy license agreement? They store the content at their end, so that end-users don't have to. We need to work harder to explain and understand reader expectations. The user cannot loan or resell owned content in the Librius system. The real challenge of DRM is about maintenance (Who will remember who has rights to what?), not about encryption. Librius is more interested in the distribution of content, not designing and selling dedicated reading devices. They think that PDAs are acceptable portable reading devices.

Munyan (Everybook): The EB Dedicated Reader is a double-screen reader. How can we get from the current distribution labyrinth to a quick download. Stories of slow ebook adoption have been coming out this month. Munyan argues that traditional distribution schemes no longer are workable. Everybook does not assume that print publishing will disappear. They are using PDF format. The industry risks false expectations in predicting the death of print-based publications. Everybook wants to aggregate content and sell it directly to consumers. In the new world order, the internet is the distribution avenue, and the ebook company is the retailer. Publishers want a single composition solution that enables the reflowing of content to print, Web, and other outlets. Ebook distribution is advantageous because there is direct supply from publisher to ebook retailer, and they deliver directly from ebook retailer to the consumer. [What is the role for libraries here? Intellectual access via catalog records and metadata? Reader services? Archiving?] Ebook distribution also provides easier updates to information at the page, chapter, and edition levels. Publishers will supply these updates, and consumers will subscribe to receive them. The Internet has a global reach, which provides exemptions from real-world trade restrictions and distribution costs. [How long will that last?] Everybook has a business model built around the postscript and PDF de facto standards. The EB Dedicated Reader initially is targeted for the reference industry, not for the consumer market. It has two full-page, full-color screen. The storage and communication components are removable, so that the device can be used around the world. A type II PCMCIA slot is used. The device handles all types of PDF files, regardless of the origin of the file. They see a market for the devices themselves. Publishers have focused on "relationship management" with authors and content creators, and providing "venture capital" to potential authors. They don't want to get involved in the costs to develop and maintain a Web site. The desktop PC is an inadequate online reading device and learning platform. Printing costs have been transferred to the end-users in the last decade; overall paper use has gone up. Ebook companies should concentrate on software engineering and retail selling. Customization of the end user experience will continue to be crucial. Everybook has decided not to deal in pornography and sexually explicit material, but it can be downloaded or created by the user and loaded on the two-page device.

Kelly (Am. Physical Society): What are the challenges being faced by publishers of scientific journals who are trying to publish on reading devices? Physicists use lots of mathematical symbols and formulas to convey information and knowledge. They want to put the entire content (back to 1893) on the Web. They want to link to other content providers and aggregators. They plan to migrate to the XML mark-up standard. They want to provide format options that exploit current and future technologies. Most articles are filled with non-text matter. Multimedia is an emerging requirement and expectation. The fundamental challenge is typographical. Multiple authoring tools are being used by people in this profession. GIF files are unacceptable for online delivery, because so many GIF images are required for each article, which resulted in long download times. PDF files are okay for equations, but

not for advanced linking and for article content that cannot be printed. PDF is the file format they currently are using. Kinetic online information cannot be printed. They have been experimenting with the U of IL (Grainger Library) since 1994 to integrate and format this online content dynamically on browser software. They want to write once, then format in many ways. They are migrating from a moveable type environment to a moveable paragraph environment. A reading system requires XML, intertext searching, browsing, and linking, and enables non-textual content, such as equations, video, sound, applets, etc. ContentGuard from IBM is a type of DRM system. APS would rather have their content freely distributed; they don't worry much about digital rights management.

Moore (Maryland State Dept. of Education): How could ebooks be used in K-12 education? John Murdoch at the MD Technology Center is a leader in this area. There are many stakeholders in this fledgling ebook industry. They began negotiating with SoftBook Press. Lack of funds was a major initial obstacle. TIIAP is a Dept. of Commerce grant program. Textbooks contain many inaccuracies, ILL is too slow, learners often are at a distance from school libraries, and the Internet has its own set of limitations and constraints. Equity of access is a critical issue. The goals of the project were to study the educational effects of ebooks, to evaluate and refine the ebook technology, and to engage in strategic planning in how to introduce ebooks into the schools. TIIAP grant awards should be announced any day now. Students will be assigned ebooks in lieu of print-based textbooks. Teachers and students will receive training in how to use the ebook device. Teachers and students will be able to upload documents that they have created. A pilot project involving 10 SoftBooks already is underway. They also wanted to purchase Rocket eBooks, but the order was rejected by the purchasing department, because they thought it was an unwise use of taxpayer dollars. Anticipated outcomes include increased student performance, homework completion rate, and circulation of library materials. Temple U. will be involved in the evaluation of the grant project. The physical usability and durability of the SoftBooks also will be assessed. SoftBook Press will provide some training for end-users. [jmoore@umd5.umd.edu](mailto:jmoore@umd5.umd.edu) Several other K-12 studies of ebook adoption are just getting underway. Will people with print disabilities be included in this study?

Lysakowski (CENSA): For the scientific/engineering community, the paradigm of a print-based book is broken. We are facing a huge access and archiving challenge. Corporate publishers want to know where all subunits of documents go. Issues of personal ownership have to be addressed. Legally, only 8 1/2 by 11 printed documents are acceptable as authentic records of intellectual and lab work. A book is a record of intellectual work. Ebooks are a subset of all erecords. Authenticity is fundamental to credibility. Protecting uniqueness is a key to success. Electronic records go through a fairly predictable lifecycle. The Y2K problem is just the tip of an iceberg--electronic records management. The problems of records migration and systems integration are immense. How to prevent the loss of intellectual property, and how to facilitate the migration of content? We need to design these ebook systems for migration and portability. CENSA has endorsed PDF as an acceptable format. XML is not sufficiently mature to be trusted and used. What we really need is a portable record format. We should preserve the page metaphor as a way to convey information and knowledge, even if the "page" is compiled on the fly to incorporate a variety of data objects. [Ebooks are being designed to be used primarily as reading devices, not authoring device.] Reading is easier than authoring. The PC Tablet Computer was released in August 1999. CENSA is a global trade association. CENSA has broken down the problem into frontend (authoring) challenges and backend (records management) problems. We should try to avoid having a reading device war. The corporate and governmental users already have selected PDF as a file format. Consumers should vote for interoperability with their purchases. Version 2 of OEB should cover full multimedia support. Work with the librarians and other facilitators of knowledge transfer. We also need to work closely with collection managers.

Potash (OverDrive Systems): OverDrive focuses on open EBook processes and authoring tools. BookWorks is an open format epublishing system. What does it take today to build commercial titles for the ebook market? Define your customer population. The information market (professional, trainers, etc.) is a huge, driving market, but it is different from the general reading market. OverDrive has had success with CD-ROM, and they expect the same for DVD, as an information dissemination medium. They see the desktop PC as a viable ebook platform. How can we leverage the success of print format and branding? Should ebooks complement associated print products? Granularity enables a book to be downloaded and acquired in parts. Each component can stand on its own. BookWorks plans to have their etexts compatible with SoftBook and Rocket eBook. Should publishers engage in in-house desktop publishing (DTP), or should they use outside vendors? A variety of electronic file formats will be needed in the production cycle. Install a version control system to manage changes to the original etext.

Pooley (Books 24x7): Pooley used to be with SilverPlatter. They focus on content aggregation. We always are in pursuit of the endless frontier. Technology is the new frontier. How will technology change book publishing? Book publishers are not well-prepared for the coming changes. Librarians know how to build collections. We need to incorporate this professional knowledge into the ebook industry. Their primary clientele is the OEM market. Making complex etexts is not an easy process. They use the XML tag format to deliver content via the Web. How can we add value to various kinds of books? Adding value to technical books is fairly easy. They want to build large, personalized electronic libraries. IT professionals will spend \$25 billion on training and education documentation by 2003. This service is designed for corporate IT users. This is a hosted service, not designed for downloading to a dedicated reading device. No advertising on their Web site. They rely on standard browser delivery--no plug-ins. They enable relevance searching across multiple texts, then can zero in on the most relevant sections of the more relevant texts. This is a new revenue opportunity for traditional publishing houses. They want to have the right books, not the most books. The Web site also is designed to sell personal copies of books. Because this is a hosted service, copyright is protected. Access is monitored very closely. They think that

Web-based subscriptions will work. This service is not designed to replace printed books. The historical progression has gone from physical bookstores to online bookstores to general IT Web sites (e.g., c|net) to IT premium sites with branded content (e.g., books 24x7.com). They want to become involved in transactional book sales (e.g., downloadable books) and integrating with training courses and workshops. The site includes tools for intentional personalization features. This also facilitates group work. They have no plans for discounting obsolescent titles. This was designed as a personalized library. Site licenses for libraries (walk-up patrons) are being developed. The cost to translate one book into one other language is approx. \$20,000. Fair use aspects have been worked into this system. If people exceed the system guidelines, the individuals are contacted. They cannot control cutting and pasting without resorting to plug-ins.

Rosenberg (Versaware): He wants to focus on revenue. They are trying to leverage textbooks into intelligent ebooks. [www.versaware.com](http://www.versaware.com) The publishing business is very diverse, with diverse clienteles and diverse needs. How long will it be before the market develops to the point where it is truly profitable? Markets and marketing are as important as technological advances. We also need to maintain customer relationships. How to maximize the text for the presentation medium (print, TV, Web, palmtop, etc.)? How to leverage your efforts and value-adding activities? We need to take a long view of market development. Go from one conversion to many markets. They want to be able to slice and dice their content. They want to develop online reference centers. [Ebookcity.com](http://www.ebookcity.com) will be live soon, and will bring all of these concepts together. They are working with several leading academic publishers.

Roberts (NIST) on a Rotating Wheel Braille reader for ebooks: Oliver Slattery had the breakthrough concept of a wheel-based Braille reader. 750,000 blind U.S. citizens. Accessibility to info increases independence. Low vision systems, speech-based systems (e.g., Digital Talking Book), and braille systems are the existing paths to info access. Braille is very useful for precision work. Braille devices can be expensive. Reading Braille is a dynamic, tactile process, involving a natural scanning motion. [This may be another type of human information browsing.] Design concept: rather than have the finger move over the text, have the text move under the finger. This design change means that far fewer actuators are needed, thus reducing the cost of the device. What kind of power consumption would be involved for a portable reader? Solenoids would be used to control the actuator. User control is a big issue for this prototype Braille reader. Buttons or voice activation could be used to control the device. They may follow the control structure of the Digital Talking Book. The text driver could be an ebook, a PDA, or a computer. Ebooks are a natural application for a Braille display. Can this device provide a worthwhile reading experience? What new capabilities could this design change open up? A provisional patent has been filed for the device. Each cell is refreshable and is refreshed inside the box before it enters the finger pad space.

Kerscher (DAISY) on access to info by persons with print disabilities: DAISY is a 29-library, worldwide consortium. He displayed a very interesting way of displaying and conveying information to a group--much better than a PowerPoint presentation. Dyslexia is included as a print disability. Having a print disability is a severe disadvantage in today's information society. OCRing is an option, but it is time consuming, and it is difficult to convey the structure of the text. Ebooks can and should be accessible to the print disabled. The design requirements for ebooks are the same for all readers. Webspeak software is being developed. The OEB started with the 4.0 base for HTML. All readers should be able to listen to a ebook. There is a huge market for talking books. SMIL (Synchronized Multimedia Integration Language) is a specification being developed by the W3C group. Currently the DAISY NISO DTD is slightly different from the OEB DTD. The next generations of both standards should converge so that we have a single standard that works for all readers. DAISY = Digital Audio-based Information SYstem. NLS initiated this NISO standard.

OHara (Toshiba) on SmartMedia memory cards: Zip drives are popular in the U.S., but not in Japan. These are small, cheap, reliable memory cards, ideal for ebooks. SmartMedia is the most popular memory card in the world, often used for mobile computing. Currently each card holds 64MB. SmartMedia cards are used in many digital cameras. Also in musical instruments. Eight to nine million SmartMedia cards will be shipped in CY99. Ebooks represent a new market for these memory cards. Each card has a unique 24-bit ID number. The ID can be read with a hidden command. The ID could be used as a crypt key to open the text in an ebook reading device. The system protects against illegal copying of the contents. [www.solidaudio.jpn.net](http://www.solidaudio.jpn.net) is an Web-based audio store that is using this technology. Only a decoder and a buffer are needed to control the functioning of the card. Both Toshiba and Samsung are making these cards. The card is SDMI compliant. It uses NAND flash memory technology.

Wirth (ECCE TERRAM) on the German market for ebooks: Fixed prices in Germany for books. Publishers agree on a given price, with no discounting. The EC plans to cancel international fixed pricing. They have a central distribution system for books. Fixed prices help protect non-bestellers, offering more variety of reading material. Specialized books are not prohibitively expensive. Grossist is the centralized wholesaler that offers 24 hr. delivery to local bookstores. Telekom and AOL dominate the German market for online information services. Ministers of culture are interested in ebooks as school books. Copacabana is a digital university press project that is producing scientific literature in PDF format. The Digibuch project is trying to focus on customers, using ecash for fiscal transfers, and offering etexts at 30 to 60 percent of the cost of the print versions.

de Sa Moreira (00h00.com) on the French perspective on online publishing: 00h00.com ("zero hour" as in the sense of a new beginning) is a French company that publishes both new and out-of-print books in electronic format. They currently have approx. 400 titles. 40 percent of the customers are in France, and 40 percent are in

the U.S. PDF files are automatically prepared for individuals and sent via e-mail. The PDF version costs approx. 50 percent of the cost of the print version. A new generation of authors is learning to conceive of the intellectual works as digital books and documents. They want to complement the print-based market, not supplant it. They acquire the online publishing rights to original works and reissues. They print books by the unit, rather than in large print runs. IPN = International Printer's Network. They strive to make sure that the digital version of a book is available on the same day that the print version hits the market. The production process includes ms prep, digitization, proofreading, SGML indexing, layout, and creation of the source file. During the last 18 months, 85 percent of all copies sold have been the digital copies, and only 15 percent have been print copies. Paper is becoming a small side-service to readers. They encrypt PDF files on the fly using the purchaser's e-mail address. They plan to incorporate WebBuy and PDF Merchant capabilities in the near future. They want to evolve into a digital multi-format publishing platform. They want to enter into a partnership with Gyoza Media, based in Palo Alto CA and Paris. Delivery formats include PDF, OEB, PalmPilot, E-ink, print on demand, TK3, etc. They announced that they have reached agreement with Nuvomedia to be the first non-English language publisher to provide etexts for the Rocket eBook. It will be officially next month. They also are working with Cytale to develop etexts. Jean-Pierre Arbon is the co-founder of 00h00.com. They see the news from Adobe and Microsoft as good news. They want to capitalize on these software developments. [bsm@00h00.com](mailto:bsm@00h00.com) Only 5 million out of 60 million French citizens are connected to the Internet, primarily via work environments. The French-speaking in Quebec are much more connected and active. They have sold more than 10,000 copies to date. They are working on publishing updatable reference works (the 21st Century classroom project). Their quickest turnaround time (from receipt of ms to "published" etext) is two to three weeks. Printing on demand is a better economic system than traditional large print runs, maintenance of inventory, and bookstore outlets. Print on demand is paperback only.

Laroia (IBM) on hard disk drives in ebooks: IBM sees disk drives as a key component of future dedicated reading devices. Hard disk drives provide large amounts of storage for a low cost per MB. The IBM microdrive began shipping in 1999. RAID = Redundant Array of Independent Disks. The microdrive is the size of 3 Chicklets. Currently, 10 gigabits can be stored on a square inch. The storage capacity per square inch probably will double in 5-6 years. The lighter the drive, the more rugged it is. The current microdrive could hold approx. 10 fat, complex college textbooks. The larger travelstar drive can hold approx. 500,000 Web pages. Capacity will increase exponentially, while cost per MB will continue to decline exponentially. Now it is possible for ebooks to incorporate video, audio, and complex graphics. [www.ibm.com/storage](http://www.ibm.com/storage) contains much more info and specs about these new hard drives. The display device is the most fragile aspect of ebook readers and other portable computing devices.

Stein (Night Kitchen) on new tools for epublishing: Books can and should contain audio and sound. Stein worked with Charles Van Doren at Britannica approx. 19 years ago. How can we navigate through a large, complex datascape? He wants to expand books by increasing the author's palette (while maintaining the reader's level of control) and by increasing the navigational powers of the reader. Ebooks could help readers become much more active. Authors should be involved throughout the content creation process. Authors should do more of the "heavy lifting" involved in creating a finished etext. People want to maintain all of the old functionality of reading a text (annotating, dog-earing, etc.) when they migrate to ebooks. TK3 is the format they use. They use "annobeams" to display annotations on the screen. Virtual sticky notes can be pasted to the text at any point. Search and find features have been incorporated. Data objects can be dragged into a separate notebook. Audio and video editors have been built into the software. Professors can write notes to their students to pay attention to particular data objects. The software includes a "breadcrumb" trail that provides a history of the individual's navigation through the data object. TK3 includes some canned, ready-to-use templates. Functionality has been constrained, but the graphic design potential has not been constrained at all. The software runs on both Macs and MS Win machines. Complex annotations are exportable to different layouts of the same inherent content. They are waiting for XML to become more robust before they begin incorporating it into the software. [This is an amazing authoring tool for multimedia etexts.] [www.nightkitchen.com](http://www.nightkitchen.com) The beta version will be available for free beginning in October. Epublishing has not muddied the rights management waters. Could the DRM be built into the authoring tools? The software currently does not incorporate style sheets. TK3 could be adapted to PDF, but it hasn't yet been done. Will TK3 survive as a format? The etexts can be delivered via any medium (Internet, DVD, etc.). When the software is released, it will cost a few hundred dollars, plus one percent of the royalties. We need to focus on how people use books, not on how books are created and produced.

Bergquist (Nokia) on display technologies for ebooks in Japan: [www.atip.or.jp/fpd](http://www.atip.or.jp/fpd) contains this presentation. Ebooks in Japan probably will be text-only for the near future, because of the reading habits of the Japanese. Japanese authors still write linearly without hypermedia. Most nomadic readers are reading either novels or comic books. The Japanese Ebook Consortium has a proposal on the table to scan old books into big-mapped etexts. Hypermedia publications should be created from scratch, not tacked onto existing text-only texts. Ebook devices should have high resolution gray-scale touchscreens. At least 200 dpi resolution is needed for Japanese and Chinese characters. For an ebook reader, the power consumption of the display device is crucial. He argues that bistable displays on a plastic substrate would be better than current display technologies. Toshiba and Minolta have been experimenting with Cholesteric Liquid Crystal Displays. Ferroelectric Liquid Crystal Displays are a more likely candidate for ebook reading devices. One problem with bistable displays is that greyscale images are difficult to handle. The image can be bent and the text remains legible. He concludes that ebook devices are not yet ready for multimedia documents.

Curtis (E-Rights) on rights to content for ebooks: He helps authors recover their rights to out-of-print books.

Publishing is a unique, ideo-syncretic culture. Publishers were the original content-providers. Technology and publishing will walk hand-in-hand into the future. Publishers thought that CD-ROM, not the Internet, would become the distribution method of choice. E-Rights is a content clearing house that also digitizes, encrypts, and converts texts. E-Reads is an online book distributor that sells texts in any online or offline format. The Web site is in beta testing, and will be OEB compliant. E-Reads wants to pick up where Amazon.com leaves off. Online original texts are the future of publishing. How can these online original texts be validated to the potential reading population? There are approx. 1 million out of print books in the U.S. alone. Figuring out who owns the rights to the book, then obtaining permission to use it, can be very complex and arduous. Tracking rights is a nasty job that someone's gotta do. Many netizens still believe that content ought to be free. The owners of content may not want to sell the content to be turned into an eText. Authors tend to see electronic rights as a separate medium reserved for authors to exploit, while publishers see electronic rights as an inherent extension of print-on-paper rights. This is a major point of contention. Everything rides on who controls the content. The average return rate for printed books is 50 percent. Publishing has become a star economy. It is difficult for new authors to get published. With epublishing, all you have is an author, reader, and server. The authorcentric alternative model to the traditional publishing model, authors could control the entire production and distribution process, and enjoy a greater monetary reward. Authors want to make a living from their writing. Content is everything, and authors are the creators of content. Sturgeon's Law: 90 percent of everything is crap. See fatbrain.com, where anything can be posted to a Web site. People pay a small fee to read this crap. What is crap, and what is worth saving? What impact will print-on-demand have on this situation?

Harlan Ellison provided the keynote address: He does not own a computer, nor does he surf the Internet. He is here to excoriate this crowd. He ran away from home when he was 13. He rode the rails. The lesson he learned: don't hang out with bad company. Don't follow the crowd. We are all a bunch of dopers, drunk on our technology. We love our technology. All we really are trying to do is make a buck. He chooses not to use the Internet to distribute his stories and books. He doesn't hate computers; he hates people. He has quit pretending to be humanistic and egalitarian. People want to communicate with other human beings, not with voice mail. Customer service is the key to everything. Drivial or impure dreaming literally rocks the future (Lawrence Durrell). We seem to believe that gadgets will carry the day. Don't separate people from the actual act of doing something. Young people seem averse to reading books, even if we put them on screens. Ebooks are just another method of delivering information. All technology has good and bad potential. Humans are the only technology still working on version 1.0. We need to protect our ability and inclination for passion and dreaming. Television has become a universal curriculum. Institutions tend to purvey a message of elitism, with everyone else being damned. Religious wars continue to wage around the planet. See the current Atlantic Monthly about getting beyond the information revolution. Cognitive science is the key to the future. Doing something that is good business may be detrimental to the rest of the species. Writers think thoughts, and they are watching the technologists very closely. The technology used to write does not matter, as long as the imagination is unleashed. The publishing industry has programmed its own extinction. He wrote TV scripts, even though he believed that TV was a real danger to the life of the mind. Don't get drunk on our toys. Gadgets are not gods. There will be repercussions. Writers using computers to write books doesn't smell right to Ellison. Most novels are overstuffed, because it's easy to write on a PC. Writing and the other arts should be hard. Art is the study of the human heart in conflict with itself. When he sits down to write, he feels like Mozart. [D.H. Lawrence said that writing is like praying.] Creating something is leaving something behind, not just moving shit around to make a buck. He is not afraid of any technology, as long as it is used smart. As a species, we have a real knack for turning something inherently good to bad, ugly purposes. Avoid becoming overwhelmed by the flavor of the month in public taste. Rock music died with Stevie Ray Vaughan. The creator of intellectual content has the primacy of ownership.

Risher (Assoc. of Am. Publishers) on ebook security assessment: Publishers bring good works from good authors to good readers. AAP's key mission is to protect the rights of its members. Ebook vendors have been promoting the security of their individual solutions. Protecting copyright also involves protecting the integrity of the work, not just preventing piracy. [www.globalintegrity.com](http://www.globalintegrity.com) Authorized users may abuse the distribution system. Do these ebook systems have good authentication and usage control mechanisms? Unauthorized users may circumvent the system. The security assessment considered four possible attacks to security. Privacy is another concern to publishers and their customers. What will happen to all of this transactional information? Specifically, Peanut Press and Nuvomedia were the subjects of the ebook security assessment. This was a security assessment, not an audit. Online booksellers were not included in the assessment. Publishers are concerned about different levels of piracy (commercial, international, and individual). Piracy exists in all media and formats. Locks discourage basically honest people from doing dishonest things. The software industry also just recently completed an assessment of piracy. The report was released last week. Piracy rates in several Asian countries are in the 90 percent range. Etext suppliers can become certified regarding their security systems. General purpose computing devices generally are less secure than specific purpose computing devices. Publishers believe in fair use of copyrighted material, but let's pay attention to the four factors. She thinks that cutting and pasting is not covered under the legal concept of fair use. Publishers bring content to the public.

McNannay (Infinite Ink) on the ebook purchase from the customer's perspective: [I had to leave to catch my flight.]

Kawell (Glassbook) on EBX, an open ebook distribution and copyright control system: [I had to leave to catch my flight.]

Schull (Softlock) on ebooks and DRM: [I had to leave to catch my flight.]

Send feedback on the conference to [raymond.kammer@nist.gov](mailto:raymond.kammer@nist.gov). EBook 2000 conference already is being planned.

?show files;ds  
File 348:EUROPEAN PATENTS 1978-2003/Jun W04  
    (c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20030626,UT=20030619  
    (c) 2003 WIPO/Univentio  
File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)  
    (c) 2003 JPO & JAPIO  
File 351:Derwent WPI 1963-2003/UD,UM &UP=200341  
    (c) 2003 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	1064	AU='ISHIBASHI':AU='ISHIBASHI A'
S2	47	AU='ISHIBASHI ATSUSHI':AU='ISHIBASHI ATSUSHI INT PROP GP HITACHI LTD'
S3	30	AU='KOSUKEGAWA Y':AU='KOSUKEGAWA YUICHI HITACHI LTD INTEL - PROP GROUP'
S4	292	AU='TAKANO M':AU='TAKANO M OMIYA RES LAB'
S5	51	AU='TAKANO MASAKI':AU='TAKANO MASAKI C O HITACHI LTD'
S6	88	AU='TSUKADA Y'
S7	1	AU='TSUKADA YUJIN C O HITACHI LTD'
S8	8	AU='MINEMOTO T'
S9	4	AU='MINEMOTO TAKESHI':AU='MINEMOTO TAKESHI C O HITACHI LTD'
S10	949	AU='ARAI T':AU='ARAI T CENTRAL RESEARCH LAB OF SUMITOMO METAL'
S11	36	AU='ARAI TATSURO':AU='ARAI TATSURO HITACHI LTD INTELLECTUAL'
S12	2540	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 - OR S11
S13	311049	IC=(G06F-017? OR G09G-005?)
S14	126	S12 AND S13
S15	290	EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ? OR EPAPER? ? OR EPÉRIODICAL? ? OR ETEXT? ? OR EMAG? ?
S16	6987	(ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR NEWSPAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? - ?)
S17	3	S14 AND (S15 OR S16)
S18	6	S12 AND (S15 OR S16)
S19	6	S17 OR S18
S20	6	IDPAT (sorted in duplicate/non-duplicate order)
S21	4	IDPAT (primary/non-duplicate records only)

21/3,K/1 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014786801 \*\*Image available\*\*

WPI Acc No: 2002-607507/200265

XRPX Acc No: N02-481088

Digital contents licensing fee calculating method involves calculating number of times digital contents viewed and listened at user terminal, based on which copyright fee is calculated

Patent Assignee: HITACHI LTD (HITA ); ARAI T (ARAI-I); KAWAGUCHI H (KAWA-I); KINOSHITA A (KINO-I); KOIKE H (KOIK-I); OKAYAMA N (OKAY-I); ONIMARU H (ONIM-I); ORIMO M (ORIM-I)

Inventor: ARAI T ; KAWAGUCHI H; KINOSHITA J; KOIKE H; OKAYAMA N; ONIMARU H ; ORIMO M

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020077989	A1	20020620	US 2001923457	A	20010808	200265 B
JP 2002189949	A	20020705	JP 2000389954	A	20001219	200265
CN 1360269	A	20020724	CN 2001140748	A	20010810	200269
KR 2002050078	A	20020626	KR 200148223	A	20010810	200282

Priority Applications (No Type Date): JP 2000389954 A 20001219

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020077989	A1	23		G06F-017/60	
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JP 2002189949	A	14		G06F-017/60	
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CN 1360269	A			G06F-017/60	
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KR 2002050078	A			G06F-017/60	
---------------	---	--	--	-------------	--

Inventor: ARAI T ...

Abstract (Basic):

... Used in calculating licensing fee for viewing or listening to digital contents such as electronic books , music, images and games

International Patent Class (Main): G06F-017/60

21/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

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013948106 \*\*Image available\*\*

WPI Acc No: 2001-432320/200146

XRPX Acc No: N01-320383

Electronic book system for displaying contents related to reading in a small display area on a display in mobile environment such as a portable reading terminal or PDA

Patent Assignee: HITACHI LTD (HITA ); ARAI T (ARAI-I); ISHIBASHI A (ISHI-I); KOSUKEGAWA Y (KOSU-I); MINEMOTO T (MINE-I); TAKANO M (TAKA-I); TSUKADA Y (TSUK-I)

Inventor: ARAI T ; ISHIBASHI A ; KOSUKEGAWA Y ; MINEMOTO T ; TAKANO M ; TSUKADA Y

Number of Countries: 029 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010007980	A1	20010712	US 2001756796	A	20010110	200146 B
EP 1132829	A2	20010912	EP 2001100050	A	20010109	200154
JP 2001195412	A	20010719	JP 20003721	A	20000112	200156
CN 1306261	A	20010801	CN 2001101538	A	20010112	200172

Priority Applications (No Type Date): JP 20003721 A 20000112

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20010007980 A1 57 G06F-017/60  
EP 1132829 A2 E G06F-015/02  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR  
JP 2001195412 A 44 G06F-017/30  
CN 1306261 A G06F-019/00

Electronic book system for displaying contents related to reading in  
a small display area on a display...

Inventor: ARAI T ...

... ISHIBASHI A ...

... KOSUKEGAWA Y ...

... MINEMOTO T ...

... TAKANO M ...

... TSUKADA Y

Abstract (Basic):

... The electronic book system displays information that relates  
to reading or advertisement material in a small display area...

... The electronic book system consists of a provider provided  
with a book contents server 2 that stores digitized...

...and a viewer. An INDEPENDENT CLAIM is included for a contents display  
method of an electronic book system...

...The figure shows the whole configuration of an electronic book  
service system via a network...

...International Patent Class (Main): G06F-017/30 ...

... G06F-017/60

...International Patent Class (Additional): G09G-005/00

21/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01141635

METHOD FOR DISPLAYING MULTIMEDIA INFORMATION PROCESSING METHOD, PROCESSING  
DEVICE, AND PROCESSING SYSTEM  
SYSTEM, VORRICHTUNG UND VERFAHREN ZUR ANZEIGE VON  
MULTIMEDIA-INFORMATIONENVERFAHREN  
SYSTEME, DISPOSITIF ET PROCEDE D'AFFICHAGE DE TRAITEMENT D'INFORMATIONS  
MULTIMEDIA

PATENT ASSIGNEE:

Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010, (JP), (Applicant Designated States: all)

INVENTOR:

HOSHINO, Takeshi Design Center, Hitachi, Ltd., 280, Higashikoigakubo  
1-chome, Kokubunji-shi Tokyo 185-8601, (JP)

KOJIMA, Satoko Design Center, Hitachi, Ltd., 280, Higashikoigakubo  
1-chome, Kokubunji-shi Tokyo 185-8601, (JP)

ISHIBASHI, Astushi Design Center, Hitachi, Ltd., 280, Higashikoigakubo  
1-chome, Kokubunji-shi Tokyo 185-8601, (JP)

NAGAI, Gen Design Center, Hitachi, Ltd., 280, Higashikoigakubo 1-chome,  
Kokubunji-shi Tokyo 185-8601, (JP)

LEGAL REPRESENTATIVE:

Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1107097 A1 010613 (Basic)  
WO 200011540 000302  
APPLICATION (CC, No, Date): EP 99935093 990806; WO 99JP4266 990806  
PRIORITY (CC, No, Date): JP 98237636 980824  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
INTERNATIONAL PATENT CLASS: G06F-003/00; H04N-005/445  
ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 5

LANGUAGE (Publication, Procedural, Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200124	1126
SPEC A	(English)	200124	9147
Total word count - document A			10273
Total word count - document B			0
Total word count - documents A + B			10273

INVENTOR:

... JP)  
ISHIBASHI, Astushi Design Center, Hitachi, Ltd...

...SPECIFICATION information supplied to decode 102 includes, for example, program information for a TV broadcast, i. e., **text** data of a title, time (start time to end time), a genre and a sub...When the contents include "TV on the air", "TV recorded", "home page", "data broadcast", or "electronic publication", the user can immediately utilize the contents only by depressing the depression key. (Steps 1301...

21/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00659246

APPARATUS FOR RECORDING AND REPRODUCING VOICE.

GERAT ZUR AUFZEICHNUNG UND WIEDERGABE VON STIMME.

APPAREIL SERVANT A ENREGISTRER ET A REPRODUIRE LA VOIX.

PATENT ASSIGNEE:

KABUSHIKI KAISYA ADVANCE, (868810), 5-7, Nihonbashi Kobuna-cho, Chuo-ku  
Tokyo 103, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

ISHIBASHI, Hiromu, 37-41, Hatunegaoka, Hodogaya-ku, Yokohama-shi,  
Kanagawa 240, (JP)

LEGAL REPRESENTATIVE:

Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, F-75017 Paris,  
(FR)

PATENT (CC, No, Kind, Date): EP 652560 A1 950510 (Basic)  
EP 652560 A1 960501  
WO 9424667 941027

APPLICATION (CC, No, Date): EP 94913792 940421; WO 94JP661 940421

PRIORITY (CC, No, Date): JP 93116599 930421

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-020/10; G11B-020/00; G10L-003/00;

ABSTRACT WORD COUNT: 93

LANGUAGE (Publication, Procedural, Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	419
SPEC A	(English)	EPAB95	9025
Total word count - document A			9444
Total word count - document B			0

Total word count - documents A + B 9444

INVENTOR:

ISHIBASHI , Hiromu...

...SPECIFICATION voice reproducing device such as a device for learning and education or a voice-producing **electronic book** and the like.

BACKGROUND ART

There has been proposed a device for reproducing voice by...

...can be used for a device for learning and education or for a voice-producing **electronic book** , by recording digital voice data in a recording medium by substantially deleting voiceless part, by...

?show files;ds  
File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)  
    (c) 2003 JPO & JAPIO  
File 351:Derwent WPI 1963-2003/UD,UM &UP=200341  
    (c) 2003 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	2154	(ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR NEWSPAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? - ?)
S2	20	EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ? OR EPAPER? ? OR EPERIODICAL? ? OR ETEXT? ? OR EMAG? ?
S3	3339072	CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO - OR KNOWLEDGE OR FEATURE? ? OR ATTRIBUTE? ? OR PROPERTIES OR SPECIFICATION? ? OR SPECS OR PARTICULARS
S4	2189702	MOBILE OR CARRY??? OR CARRIE? ? OR TRANSPORTABLE OR PERSONAL OR PRIVATE OR PORTABLE OR COMPACT
S5	1571263	READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER OR VDU
S6	93157	PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N) (DIGITAL OR DATA OR INFORMATION OR ORGANIZER? OR DEVICE? OR ACCESS) OR HANDHELD? ? OR HAND()HELD? ? OR PALMTOP? ? OR PALM()TOP? ? OR VISOR OR HANDSPRING OR PALM() (PILOT? OR VII)
S7	4297941	VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR DOWNLOAD? ? OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S8	746732	ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? OR PURCHASE? ? OR PROCURE? ?
S9	863	S3(10N) (S1 OR S2)
S10	136624	S6 OR (S4(3N)S5)
S11	4796553	S7 OR S8
S12	19	S9(10N)S10(10N)S11
S13	19	IDPAT (sorted in duplicate/non-duplicate order)
S14	19	IDPAT (primary/non-duplicate records only)

14/3,K/1 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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015076389 \*\*Image available\*\*

WPI Acc No: 2003-136907/200313

**Electronic book system using wireless internet**

Patent Assignee: TRUST & OBEY CO LTD (OBEY-N)

Inventor: JUN Y G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002066618	A	20020821	KR 20016896	A	20010213	200313 B

Priority Applications (No Type Date): KR 20016896 A 20010213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002066618	A	1		G06F-017/00	

Abstract (Basic):

... The mobile communication terminal(10) adapts to a local area wireless communication specification(bluetooth). A personal digital assistant, which uses the bluetooth, is connected to the mobile communication terminal (10), and electronic book information is received .

14/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014938622 \*\*Image available\*\*

WPI Acc No: 2002-759331/200282

XRPX Acc No: N02-597885

**Electronic information viewing method involves extracting information emphasized by mark up annotation in page displayed and presenting it in enhanced interactive window**

Patent Assignee: ALLAM S G (ALLA-I); BROUSSARD M T (BROU-I); SAYLOR C G (SAYL-I); STAAS G C (STAA-I)

Inventor: ALLAM S G; BROUSSARD M T; SAYLOR C G; STAAS G C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020116420	A1	20020822	US 2000236236	A	20000928	200282 B
			US 2000738598	A	20001215	

Priority Applications (No Type Date): US 2000236236 P 20000928; US 2000738598 A 20001215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020116420	A1	29		H05K-001/00	Provisional application US 2000236236

Abstract (Basic):

... For viewing information in electronic books using personal computer, personal digital assistant. For applications such as bookmarking, dictionary and study guide creations, file appending, etc...

14/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014876964

WPI Acc No: 2002-697670/200275

Related WPI Acc No: 2002-673883; 2002-697669; 2002-705974; 2002-722602;  
2002-722603; 2002-739836; 2003-038896

XRPX Acc No: N02-550134

Information apparatus operating method involves converting image data  
into instructions compatible with printer engine, based on  
printer-specific output size and resolution of print engine

Patent Assignee: CHANG W H (CHAN-I); LIU C Y (LIUC-I)

Inventor: CHANG W H; LIU C Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020097417	A1	20020725	US 2001262764	A	20010119	200275 B
			US 200253654	A	20020118	

Priority Applications (No Type Date): US 2001262764 P 20010119; US  
200253654 A 20020118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020097417	A1	40		G06F-015/00	Provisional application US 2001262764

Abstract (Basic):

... For operating information apparatus such as desktop computers,  
laptop computers, networked computers, **palmtop** computers, **PDAs**,  
Internet enabled mobile telephones, smart phones, pager, digital  
camera, video camera, Internet appliance, **e - book**, **information** pad  
and digital or web pad, to output printing **data** to printer, for  
printing **received** e-mail and digital documents...

14/3,K/4 (Item 4 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014799528

WPI Acc No: 2002-620234/200267

XRPX Acc No: N02-490889

Electronic newspaper uses radio broadcasting system for supplying news  
information to portable information representation devices

Patent Assignee: VON STACKELBERG J (VSTA-I)

Inventor: VON STACKELBERG J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10106930	A1	20020822	DE 1006930	A	20010215	200267 B

Priority Applications (No Type Date): DE 1006930 A 20010215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10106930	A1	3		H04L-012/16	

Abstract (Basic):

... The **electronic newspaper** has news **information** provided as  
digital **data** packets, supplied to **portable** **information**  
**representation** **devices** via a radio broadcasting system. The **received**  
**news** **information** is stored at each **portable** **information**  
**representation** **device**, allowing it to be read at any required time or  
place.

14/3,K/5 (Item 5 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014493561 \*\*Image available\*\*

WPI Acc No: 2002-314264/200235

Method and system for providing electronic content service for wireless

**pda with authenticating function for digital copyright management service**  
Patent Assignee: DIGICAPS CO LTD (DIGI-N)  
Inventor: YOON Y S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
KR 2001106325 A 20011129 KR 200163369 A 20011015 200235 B

Priority Applications (No Type Date): KR 200163369 A 20011015

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2001106325 A 1 H04L-009/00

Abstract (Basic):

... information of the PDA(100). The authentication server(140) transmits the authentication key to the PDA (100). The user is connected with an electronic book content server(120) by using the PDA (100). The electronic book content server(120) transmits the user's registration information to the authentication server(140) if the user requests electronic book contents . The authentication server(140) generates the authentication key by using the user's registration information...

**14/3,K/6 (Item 6 from file: 351)**

DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014325568 \*\*Image available\*\*  
WPI Acc No: 2002-146270/200219

**Method for operating portable electronic newspaper terminal**

Patent Assignee: IP TAILOR (IPTA-N)  
Inventor: LEE E G; LEE Y S  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
KR 2001085142 A 20010907 KR 200010249 A 20000229 200219 B

Priority Applications (No Type Date): KR 200010249 A 20000229

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2001085142 A 1 G06F-017/00

Abstract (Basic):

... A method for operating a portable electronic newspaper terminal is provided to receive , store and display news information transmitted through mobile communication network.

**14/3,K/7 (Item 7 from file: 351)**

DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014224089 \*\*Image available\*\*  
WPI Acc No: 2002-044787/200206  
XRPX Acc No: N02-033334

Electronic publication device for reproducing processed publication data in portable terminal has CPU that stops audio reproduction unit from reproducing voice when telephone receives a call

Patent Assignee: CASIO COMPUTER CO LTD (CASK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2001265566 A 20010928 JP 200072565 A 20000315 200206 B

Priority Applications (No Type Date): JP 200072565 A 20000315

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001265566 A 29 G06F-003/16

Electronic publication device for reproducing processed publication data in portable terminal has CPU that stops audio reproduction unit from reproducing voice when telephone receives a call

14/3,K/8 (Item 8 from file: 351)

DIALOG(R)File 351:Derwent WPI

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014131083 \*\*Image available\*\*

WPI Acc No: 2001-615294/200171

XRPX Acc No: N01-458907

Bistable cholesteric liquid crystal material activation for flat panel display, involves producing bipolar selection voltage by applying unipolar voltage to one of electrodes to choose final display state

Patent Assignee: KENT DISPLAYS INC (KENT-N)

Inventor: HUANG X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6268840	B1	20010731	US 9746275	A	19970512	200171 B
			US 9863907	A	19980421	

Priority Applications (No Type Date): US 9746275 P 19970512; US 9863907 A 19980421

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 6268840 B1 37 G09G-003/36 Provisional application US 9746275

Abstract (Basic):

... scheme for display information in flat panel displays used e.g. in watch, laptop computer, portable electronic viewer, palm-held computer, pager, computers for conveying specialized information, signs, electronic book and newspaper. Also applicable for large screen highway signs...

14/3,K/9 (Item 9 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014026472 \*\*Image available\*\*

WPI Acc No: 2001-510686/200156

Apparatus and method for lending electronic book using internet

Patent Assignee: READERS INTERNET CO LTD (READ-N)

Inventor: KIM Y H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001016129	A	20010305	KR 200066527	A	20001109	200156 B

Priority Applications (No Type Date): KR 200066527 A 20001109

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
KR 2001016129 A 1 G06F-017/6015

Abstract (Basic):

... data corresponding to landing of an electronic book by operating of an internet user, and receives the electronic book information and displays in order that the internet user may read the electronic

book . A web server(200) receives the data outputted from the personal communication measure(100) and outputs an electronic list information to the personal communication measure(100). A payment unit(300) receives a control signal from the web server(200), and pays the cost in accordance with...

14/3,K/10 (Item 10 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

014026470 \*\*Image available\*\*

WPI Acc No: 2001-510684/200156

**Apparatus and method for securing electronic book**

Patent Assignee: READERS INTERNET CO LTD (READ-N)

Inventor: KIM Y H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001016127	A	20010305	KR 200066525	A	20001109	200156 B

Priority Applications (No Type Date): KR 200066525 A 20001109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2001016127	A	1		G06F-017/00	

Abstract (Basic):

... a method for securing electronic book are provided to prevent other persons from reading an electronic book using a personal information of a client by reading an electronic book in accordance with download the electronic book according as the pre-set information is identified with the hardware information in personal communicating unit of a client for reading the electronic book, the electronic list information and a personal information.

... reading an electronic book by an operation of a client. The personal communicating unit(200) receives a key signal from the key signal output unit(100) and outputs data for downloading the electronic book . A member database server(300) receives and stores a hardware information from the personal communicating unit(200). A web server(400) receives data, hardware information, an electronic list information and a personal information and outputs a corresponding control signal for downloading the electronic book from the personal communicating unit(200) and the member database server(300). A paying unit(500) receives a control signal outputted from the web server(400) and approves a paying in accordance with the web server(400). An electronic database server(600) receives a control signal outputted from the web server(400) and downloads the data to the personal communicating unit(200) and outputs an electronic book transmission list to the member database server(300)

...

14/3,K/11 (Item 11 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

013948106 \*\*Image available\*\*

WPI Acc No: 2001-432320/200146

XRPX Acc No: N01-320383

**Electronic book system for displaying contents related to reading in a small display area on a display in mobile environment such as a portable reading terminal or PDA**

Patent Assignee: HITACHI LTD (HITA ); ARAI T (ARAI-I); ISHIBASHI A (ISHI-I); KOSUKEGAWA Y (KOSU-I); MINEMOTO T (MINE-I); TAKANO M (TAKA-I); TSUKADA Y (TSUK-I)

Inventor: ARAI T; ISHIBASHI A; KOSUKEGAWA Y; MINEMOTO T; TAKANO M; TSUKADA

Y

Number of Countries: 029 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010007980	A1	20010712	US 2001756796	A	20010110	200146 B
EP 1132829	A2	20010912	EP 2001100050	A	20010109	200154
JP 2001195412	A	20010719	JP 20003721	A	20000112	200156
CN 1306261	A	20010801	CN 2001101538	A	20010112	200172

Priority Applications (No Type Date): JP 20003721 A 20000112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20010007980	A1		57	G06F-017/60	
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EP 1132829	A2	E		G06F-015/02	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

JP 2001195412	A		44	G06F-017/30	
---------------	---	--	----	-------------	--

CN 1306261	A			G06F-019/00	
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Abstract (Basic):

... The **electronic book** system displays **information** that relates to reading or advertisement material in a small display area on a **display** of a **portable** reading **terminal**. The **portable** reading **terminal** **receives** digitized book contents and digitized related information via the Internet (5) and navigated by operating...

14/3,K/12 (Item 12 from file: 351)

DIALOG(R)File 351:Derwent WPI

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013830566 \*\*Image available\*\*

WPI Acc No: 2001-314778/200133

Related WPI Acc No: 2000-612124; 2000-639914; 2001-193014

XRPX Acc No: N01-274456

**Digital contents vending method for selling personal digital contents the replay of which is limited to the purchaser to prevent illegal use of sold digital contents, e.g. an electronic book sold in a book store**

Patent Assignee: HITACHI LTD (HITA ); ARAI S (ARAI-I); KOIKE H (KOIK-I); OKAYAMA N (OKAY-I); TOMITA T (TOMI-I); ICHIHARA S (ICHI-I); ONIMARU H (ONIM-I); ORIMO M (ORIM-I)

Inventor: ICHIHARA S; KOIKE H; OKAYAMA N; ONIMARU H; ORIMO M; ARAI S; TOMITA T

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2000048434	A	20000725	KR 9962732	A	19991227	200133 B
EP 1017001	A2	20000705	EP 99310334	A	19991221	200140
JP 2000194763	A	20000714	JP 98373650	A	19981228	200133
US 20020087475	A1	20020704	US 99473275	A	19991228	200247
			US 200261162	A	20020204	
US 20030014369	A1	20030116	US 99473298	A	19991228	200308
			US 2002244515	A	20020917	

Priority Applications (No Type Date): JP 98373650 A 19981228; JP 98372543 A 19981228; JP 98373649 A 19981228; JP 98373651 A 19981228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 2000048434	A		17	G06F-017/60	
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EP 1017001	A2	E	17	G06F-017/60	
------------	----	---	----	-------------	--

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2000194763	A		11	G06F-017/60	
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US 20020087475 A1 G06F-017/60 Cont of application US 99473275  
US 20030014369 A1 G06F-017/60 Cont of application US 99473298

Digital contents vending method for selling personal digital contents the replay of which is limited to the purchaser to prevent illegal use of sold digital contents, e.g. an electronic book sold in a book store

Abstract (Basic):

... Vending method for selling personal digital contents, e.g. an electronic book sold in a book store, the replay of which is limited to the purchaser.

14/3,K/13 (Item 13 from file: 351)

DIALOG(R)File 351:Derwent WPI  
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013711163 \*\*Image available\*\*

WPI Acc No: 2001-195387/200120

XRPX Acc No: N01-139263

Character display device e.g. for word processor, determines whether enlargement character displayed by character designation unit coincides with preset condition, and displays the character near display position

Patent Assignee: SHARP KK (SHAF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001014078	A	20010119	JP 99184598	A	19990630	200120 B

Priority Applications (No Type Date): JP 99184598 A 19990630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001014078	A	9		G06F-003/00	

Abstract (Basic):

... In word processor, personal computer, portable information terminal equipment, electronic book viewer, etc...

14/3,K/14 (Item 14 from file: 351)

DIALOG(R)File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

013284272 \*\*Image available\*\*

WPI Acc No: 2000-456207/200040

XRPX Acc No: N00-340231

Information memory medium for portable information apparatus and electronic book, stores information obtained by adding input date or designated date to input information and designated information in preset file

Patent Assignee: SEIKO EPSON CORP (SHIH )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000163444	A	20000616	JP 98350730	A	19981125	200040 B

Priority Applications (No Type Date): JP 98350730 A 19981125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000163444	A	31		G06F-017/30	

Abstract (Basic):

... The figure shows the functional block diagram of the portable

information apparatus or electronic book .

14/3,K/15 (Item 15 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

07522459 \*\*Image available\*\*  
LITERARY WORK MANAGING DEVICE AND SERVICE PROVIDING SYSTEM

PUB. NO.: 2003-016290 [JP 2003016290 A]  
PUBLISHED: January 17, 2003 (20030117)  
INVENTOR(s): KURANO YUKIO  
ITAMI HIDEO  
OKU TAKASHI  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 2001-201494 [JP 20011201494]  
FILED: July 02, 2001 (20010702)

ABSTRACT

... to utilize the electronic book through the Internet 102, the managing device 101 stores the **purchased** right in addition to the right information of respective users. Afterwards, each time the utilizing instruction of the electronic **book** is received from **portable information** equipment 105 owned by each of users, on the basis of the stored right **information**, the **electronic book** is transmitted to the **portable information** equipment 105 by the managing device 101 and the **portable information** equipment 105 displays the **received electronic book** on a display part 903.

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14/3,K/16 (Item 16 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07314721 \*\*Image available\*\*  
ELECTRONIC BOOK DEVICE AND STORAGE MEDIUM

PUB. NO.: 2002-183207 [JP 2002183207 A]  
PUBLISHED: June 28, 2002 (20020628)  
INVENTOR(s): SUDO TOMOHIRO  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 2000-255870 [JP 2000255870]  
FILED: August 25, 2000 (20000825)

ABSTRACT

... the book data by performing appropriate display control in accordance with the kind of the **received book data** .

SOLUTION: This **electronic book** device 1 transmits the book **data D** composed of frame **data D1 to D6** transmitted from a host server 30 to a **portable terminal 20** from a transmitting part 11 while maintaining the edited state. The portable terminal 20...

14/3,K/17 (Item 17 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

06927482 \*\*Image available\*\*  
ELECTRONIC PUBLICATION SYSTEM

PUB. NO.: 2001-155023 [JP 2001155023 A]  
PUBLISHED: June 08, 2001 (20010608)  
INVENTOR(s): OTSU SHUICHI  
APPLICANT(s): OTSU SHUICHI  
APPL. NO.: 11-334896 [JP 99334896]  
FILED: November 25, 1999 (19991125)

ABSTRACT

PROBLEM TO BE SOLVED: To provide an **electronic publication** system, by which the **contents** or constitution of an original being the object of publication is dynamically edited again on the basis of the **personal information** or **request** of a reader being a user and a press having the contents or constitution peculiar...

14/3,K/18 (Item 18 from file: 347)

DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

05744079 \*\*Image available\*\*

ELECTRONIC NEWSPAPER SYSTEM

PUB. NO.: 10-027179 [JP 10027179 A]  
PUBLISHED: January 27, 1998 (19980127)  
INVENTOR(s): HIBI KOICHI  
IKUTA KATSUMI  
KUWABARA TEIJI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-183079 [JP 96183079]  
FILED: July 12, 1996 (19960712)

ABSTRACT

... of communication record data 101 by a personal computer communication application 201. An electronic newspaper **viewer** 202 is an application which extracts and stores article data 102 and displays list **information** 103 on the articles and the article **data** 102. The **electronic newspaper viewer** 202 is loaded onto the storage **device** of a **portable terminal** 5 when executed. A preprocessor part 203 generates the article data 102 and list information...

14/3,K/19 (Item 19 from file: 347)

DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

05487171 \*\*Image available\*\*

PERSONAL ELECTRONIC BOOK DEVICE

PUB. NO.: 09-101971 [JP 9101971 A]  
PUBLISHED: April 15, 1997 (19970415)  
INVENTOR(s): YAMAMURO MASASHI  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-260531 [JP 95260531]  
FILED: October 06, 1995 (19951006)

ABSTRACT

PROBLEM TO BE SOLVED: To add an underline with the feeling of utilizing an **electronic book** only for a user himself /herself by individually managing **personal information** by each user while being linked with the the **electronic book**, providing the **personal information** for each user and accepting the **request** of **personal additional information** from each user...

...SOLUTION: This device has an **electronic book** 4 made electronic, managing means 1 for managing **personal additional information** 5 to be added, changed or erased individually by each user 6 while linking it with the specified part of the **electronic book** 4, **information** providing means 2 for providing the **electronic book** 4 and **personal additional information** 5 for each user, and **request** accepting means 3 for accepting the adding, changing or erasing **request** of the **personal additional information** from each user. Then, the **personal additional information** 5 is held for each user by...

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?show files;ds
·File 348:EUROPEAN PATENTS 1978-2003/Jun W04
    (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030626,UT=20030619
    (c) 2003 WIPO/Univentio

Set      Items      Description
S1      4833      (ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR N-
          EWSPAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR
          JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? -
          ?)
S2      270       EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ?
          OR EPAPER? ? OR EPERIODICAL? ? OR ETEXT? ? OR EMAG? ?
S3      1083616    CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO -
          OR KNOWLEDGE OR FEATURE? ? OR ATTRIBUTE? ? OR PROPERTIES OR S-
          PECIFICATION? ? OR SPECS OR PARTICULARS
S4      937292    MOBILE OR CARRY??? OR CARRIE? ? OR TRANSPORTABLE OR PERSON-
          AL OR PRIVATE OR PORTABLE OR COMPACT
S5      411472    READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER OR VDU
S6      68117     PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N) (DIGIT-
          AL OR DATA OR INFORMATION OR ORGANI?ER? OR DEVICE? OR ACCESS)
          OR HANDHELD? ? OR HAND()HELD? ? OR PALMTOP? ? OR PALM()TOP? ?
          OR VISOR OR HANDSPRING OR PALM() (PILOT? OR VII)
S7      1278720    VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR DOWNLOAD? ?
          OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S8      1736291    ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? OR PURCHASE?
          ? OR PROCURE? ?
S9      1234      S3(10N) (S1 OR S2)
S10     85292     S6 OR (S4(3N)S5)
S11     67        S9(10N)S10(10N) (S7 OR S8)
S12     39082     IC=(G06F-017? OR G09G-005?)
S13     22        S11 AND S12
S14     22        IDPAT (sorted in duplicate/non-duplicate order)
S15     22        IDPAT (primary/non-duplicate records only)

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15/AZ,AY,TI/1 (Item 1 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01417802

Information processing apparatus, system and method, and recording medium  
Vorrichtung, System, Verfahren und Aufzeichnungsmedium fur die Verarbeitung  
von Informationen

Appareil, systeme, methode et medium de stockage pour le traitement  
d'informations

APPLICATION (CC, No, Date): EP 2001307626 010907;

PRIORITY (CC, No, Date): JP 2000272959 000908

15/AZ,AY,TI/2 (Item 2 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

01030324

MOBILE ELECTRONIC COMMERCE SYSTEM

MOBILES ELEKTRONISCHES HANDELSSYSTEM

SYSTEME DE COMMERCE ELECTRONIQUE MOBILE

APPLICATION (CC, No, Date): EP 98937807 980813; WO 98JP3608 980813

PRIORITY (CC, No, Date): JP 97230564 970813

15/AZ,AY,TI/3 (Item 3 from file: 348)

DIALOG(R)File 348:(c) 2003 European Patent Office. All rts. reserv.

00793916

TERMINAL FOR DISTRIBUTING ELECTRONIC INFORMATION

DATENENDGERAT ZUM VERTEILEN VON ELEKTRONISCHER INFORMATION

TERMINAL DE DISTRIBUTION D'INFORMATION ELECTRONIQUE

APPLICATION (CC, No, Date): EP 95934873 951023; WO 95JP2176 951023

PRIORITY (CC, No, Date): JP 9534421 950131

15/AZ,AY,TI/4 (Item 4 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00964553

METHOD AND APPARATUS FOR ASSIGNING CONDITIONAL OR CONSEQUENTIAL RIGHTS TO  
DOCUMENTS AND DOCUMENTS HAVING SUCH RIGHTS METHOD AND APPARATUS FOR  
ASSIGNING CONDITIONAL OR CONSEQUENTIAL RIGHTS TO DOCUMENTS AND  
DOCUMENTS HAVING SUCH RIGHTS

PROCEDE ET APPAREIL PERMETTANT D'ATTRIBUER DES DROITS CONDITIONNELS OU  
CONSEQUENTIELS A DES DOCUMENTS ET DOCUMENTS DISPOSANT DE CES DROITS

Application: WO 2002US14447 20020509

15/AZ,AY,TI/5 (Item 5 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00945786

SYSTEMS AND METHODS FOR ELECTRONIC OFF-LINE CATALOG

SYSTEMES ET PROCEDES DE CATALOGUE ELECTRONIQUE HORS RESEAU

Application: WO 2002US9861 20020329

15/AZ,AY,TI/6 (Item 6 from file: 349)

DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00920224

REMOTE CONTENTS DISPLAYING METHOD WITH ADAPTIVE REMOTE FONT

PROCEDE D'AFFICHAGE DE CONTENU A DISTANCE AVEC POLICES DE CARACTERES  
ADAPTATIVES A DISTANCE

Application: WO 2001IB2734 20011228

15/AZ,AY,TI/7 (Item 7 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00831055  
INTERACTIVE WAGERING SYSTEM WITH WIRELESS WAGERING CAPABILITIES  
SYSTEME INTERACTIF DE PLACEMENT DE PARIS DOTE DE CAPACITES DE  
FONCTIONNEMENT SANS FIL  
Application: WO 2001US6381 20010228

15/AZ,AY,TI/8 (Item 8 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00806384  
NETWORK AND LIFE CYCLE ASSET MANAGEMENT IN AN E-COMMERCE ENVIRONMENT AND  
METHOD THEREOF  
GESTION D'ACTIFS DURANT LE CYCLE DE VIE ET EN RESEAU DANS UN ENVIRONNEMENT  
DE COMMERCE ELECTRONIQUE ET PROCEDE ASSOCIE  
Application: WO 2000US32324 20001122

15/AZ,AY,TI/9 (Item 9 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00803618  
ELECTRONIC BOOK HAVING ELECTRONIC COMMERCE FEATURES  
LIVRE ELECTRONIQUE COMPRENANT DES CARACTERISTIQUES DE COMMERCE ELECTRONIQUE  
Application: WO 2000US31740 20001117

15/AZ,AY,TI/10 (Item 10 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00798816  
METHOD FOR VIRTUAL ON-DEMAND ELECTRONIC BOOK  
PROCEDE DE LIVRE ELECTRONIQUE SUR DEMANDE VIRTUELLE  
Application: WO 2000US29813 20001027

15/AZ,AY,TI/11 (Item 11 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00797926  
VIRTUAL ON-DEMAND ELECTRONIC BOOK  
LIVRE ELECTRONIQUE VIRTUEL SUR DEMANDE  
Application: WO 2000US29809 20001027

15/AZ,AY,TI/12 (Item 12 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00796133  
SYSTEM AND METHOD TO EFFICIENTLY GENERATE AND SWITCH PAGE DISPLAY VIEWS ON  
A PORTABLE ELECTRONIC BOOK  
SYSTEME ET PROCEDE PERMETTANT DE GENERER ET DE COMMUTER EFFICACEMENT LES  
AFFICHAGES DE PAGES DANS UN LIVRE ELECTRONIQUE PORTABLE  
Application: WO 2000US40429 20000718

15/AZ,AY,TI/13 (Item 13 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00785196

WRITEABLE MEDIUM ACCESS CONTROL USING A MEDIUM WRITEABLE AREA  
CONTROLE D'ACCES D'UN SUPPORT INSCRIPTIBLE AU MOYEN D'UNE REGION DE SUPPORT  
INSCRIPTIBLE

Application: WO 2000US24783 20000907

15/AZ,AY,TI/14 (Item 14 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00762436  
ELECTRONIC BOOK SELECTION AND DELIVERY SYSTEM WITH TARGETED ADVERTISING  
SYSTEME DE SELECTION ET DE LIVRAISON DE LIVRE CONTENANT DE LA PUBLICITE  
CIBLEE

Application: WO 2000US15810 20000609

15/AZ,AY,TI/15 (Item 15 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00748804  
ELECTRONIC BOOK ALTERNATIVE DELIVERY METHODS  
PROCEDES DE DISTRIBUTION DE REMplacement POUR LIVRES ELECTRONIQUES

Application: WO 2000US9542 20000411

15/AZ,AY,TI/16 (Item 16 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00748803  
ELECTRONIC BOOK ALTERNATIVE DELIVERY SYSTEMS  
PROCEDES DE DISTRIBUTION DE REMplacement POUR LIVRES ELECTRONIQUES

Application: WO 2000US9541 20000411

15/AZ,AY,TI/17 (Item 17 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00748761  
INTERACTIVE ELECTRONIC BOOK  
LIVRE ELECTRONIQUE INTERACTIF

Application: WO 2000US9543 20000411

15/AZ,AY,TI/18 (Item 18 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560543  
ON-LINE IMAGE CACHING CONTROL FOR EFFICIENT IMAGE DISPLAY  
COMMANDÉ EN LIGNE DE MISE EN ANTEMEMOIRE D'UNE IMAGE PERMETTANT UN  
AFFICHAGE EFFICACE DE L'IMAGE

Application: WO 99US23712 19991008

15/AZ,AY,TI/19 (Item 19 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560541  
ON-DEMAND DECOMPRESSION AND DECRYPTION WITH RANDOM ACCESS TO INFORMATION  
DECOMPRESSION ET DECHIFFREMENT SUR DEMANDE AVEC ACCES DIRECT A  
L'INFORMATION

Application: WO 99US23713 19991008

15/AZ,AY,TI/20 (Item 20 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560538

AUTOMATIC DATA FORMATTING USING A HYPERTEXT LANGUAGE  
PRESENTATIONFORMATAGE AUTOMATIQUE DE DONNEES AU MOYEN D'UN LANGAGE  
HYPERTEXTE  
Application: WO 99US23639 19991012

15/AZ,AY,TI/21 (Item 21 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00560529  
DYNAMIC CONVERSION OF BYTE ORDERING FOR USE ON DIFFERENT PROCESSOR  
PLATFORMS  
CONVERSION DYNAMIQUE D'ORDONNEMENT DE MULTIPLETS DESTINEE A ETRE  
UTILISEE SUR DIFFERENTES PLATES-FORMES DE PROCESSEUR  
Application: WO 99US23542 19991008

15/AZ,AY,TI/22 (Item 22 from file: 349)  
DIALOG(R)File 349:(c) 2003 WIPO/Univentio. All rts. reserv.

00381362  
ELECTRONIC BOOK AND METHOD OF CONTROLLING A RATE OF INFORMATION DISPLAYED  
THEREBY  
LIVRE ELECTRONIQUE ET PROCEDE DE REGULATION DE LA CADENCE D'AFFICHAGE DES  
INFORMATIONS  
Application: WO 96US20011 19961213

15/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00793916

TERMINAL FOR DISTRIBUTING ELECTRONIC INFORMATION  
DATENENDGERAT ZUM VERTEILEN VON ELEKTRONISCHER INFORMATION  
TERMINAL DE DISTRIBUTION D'INFORMATION ELECTRONIQUE

PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101, (JP), (applicant designated states: DE;FR;GB;IT;NL)

INVENTOR:

TAKASE, Satoshi, 957-1, Egimachi Takasaki-shi, Gunma 370, (JP)  
KUBO, Masaharu, 29-8, Akatukicho 2-chome Hachioji-shi, Tokyo 192, (JP)  
MUNAKATA, Takeshi, 44-2, Minamioizumi 4-chome Nerima-ku, Tokyo 178, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54,  
80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 807894 A1 971119 (Basic)  
WO 9624105 960808

APPLICATION (CC, No, Date): EP 95934873 951023; WO 95JP2176 951023

PRIORITY (CC, No, Date): JP 9534421 950131

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 154

LANGUAGE (Publication, Procedural, Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9711W2	535
SPEC A	(English)	9711W2	10936
Total word count - document A			11471
Total word count - document B			0
Total word count - documents A + B			11471

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION 1 so that the user may not be filled if the host system  
transmits unwanted electronic newspaper information.

The display of the electronic newspaper information in the memory  
card 1 can be similar to the case of the portable display terminal  
of Fig. 5. The electronic information to be received by the system of  
Fig. 8 is not limited to the electronic newspaper information.

Fig. 9 shows another example of the processing routine, especially  
including billing steps for the...

15/3,K/22 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00381362 \*\*Image available\*\*

ELECTRONIC BOOK AND METHOD OF CONTROLLING A RATE OF INFORMATION DISPLAYED  
THEREBY

LIVRE ELECTRONIQUE ET PROCEDE DE REGULATION DE LA CADENCE D'AFFICHAGE DES  
INFORMATIONS

Patent Applicant/Assignee:

MOTOROLA INC,

Inventor(s):

HUFFMAN James R,

CRUICKSHANK Ronald D,

JAMBHEKAR Shrirang Nikanth,

VAN MYERS Jeffrey,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9722105 A1 19970619

Application: WO 96US20011 19961213 (PCT/WO US9620011)  
Priority Application: US 95572372 19951214  
Designated States: AM AT AU BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE  
HU IL IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO  
RU SD SE SG SI SK TJ TM TT UA UG UZ VN AT BE CH DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 15047

Main International Patent Class: G09G-005/00

Fulltext Availability:

Detailed Description

Detailed Description

... this invention.

Field of the Invention

The present invention relates to electronic books having the **look** and feel of real paper books and methods of controlling a rate of **information** displayed by an **electronic book**.

Background of the Invention

Various types of **hand - held** electronic reading devices have been proposed to electronically display textual information for reading by a...

```

?show files;ds
File 1:ERIC 1966-2003/Jun 17
      (c) format only 2003 The Dialog Corporation
File 6:NTIS 1964-2003/Jun W5
      (c) 2003 NTIS, Intl Cpyrgh All Rights Res
File 7:Social SciSearch(R) 1972-2003/Jun W5
      (c) 2003 Inst for Sci Info
File 121:Brit.Education Index 1976-2003/Q2
      (c) 2003 British Education Index
File 202:Info. Sci. & Tech. Abs. 1966-2003/Jun 30
      (c) Information Today, Inc
File 437:Education Abstracts 1983-2003/May
      (c) 2003 The HW Wilson Co
File 438:Library Lit. & Info. Science 1984-2003/May
      (c) 2003 The HW Wilson Co
File 2:INSPEC 1969-2003/Jun W4
      (c) 2003 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2003/Jun
      (c) 2003 ProQuest Info&Learning
File 65:Inside Conferences 1993-2003/Jun W5
      (c) 2003 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/May
      (c) 2003 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/May
      (c) 2003 Info. Today Inc.
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jun
      (c) 2003 Info.Sources Inc
File 474:New York Times Abs 1969-2003/Jun 30
      (c) 2003 The New York Times
File 475:Wall Street Journal Abs 1973-2003/Jun 30
      (c) 2003 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
      (c) 2002 The Gale Group

```

Set	Items	Description
S1	12666	(ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR NEWSPAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? - ?)
S2	998	EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ? OR EPAPER? ? OR EPERIODICAL? ? OR ETEXT? ? OR EMAG? ?
S3	7236141	CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO - OR KNOWLEDGE OR FEATURE? ? OR ATTRIBUTE? ? OR PROPERTIES OR SPECIFICATION? ? OR SPECS OR PARTICULARS
S4	1787055	MOBILE OR CARRY??? OR CARRIE? ? OR TRANSPORTABLE OR PERSONAL OR PRIVATE OR PORTABLE OR COMPACT
S5	418217	READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER OR VDU
S6	64141	PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N) (DIGITAL OR DATA OR INFORMATION OR ORGANIZER? OR DEVICE? OR ACCESS) OR HANDHELD? ? OR HAND()HELD? ? OR PALMTOP? ? OR PALM()TOP? ? OR VISOR OR HANSPRING OR PALM() (PILOT? OR VII)
S7	4691965	VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR DOWNLOAD? ? OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S8	2139012	ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? OR PURCHASE? ? OR PROCURE? ?
S9	2382	S3(10N) (S1 OR S2)
S10	69099	S6 OR (S4(3N)S5)
S11	6274013	S7 OR S8
S12	8	S9(10N)S10(10N)S11
S13	39	S9(S)S10(S)S11
S14	27	S13 NOT PY>2000
S15	22	S14 NOT PD=20000113:20030831
S16	20	RD (unique items)

16/AA,AN,TI/1 (Item 1 from file: 1)  
DIALOG(R)File 1:(c) format only 2003 The Dialog Corporation. All rts.  
reserv.

ERIC NO.: ED257442  
An Economic Assessment of Electronic Text. Report Number Six of the  
Electronic Text Report Series.

16/AA,AN,TI/2 (Item 1 from file: 6)  
DIALOG(R)File 6:(c) 2003 NTIS, Intl Cpyrht All Rights Res. All rts.  
reserv.

NTIS Accession Number: AD-A211 187/0  
Boston Community Information System 1987-1988 Experimental Test Results  
(Technical rept)

16/AA,AN,TI/3 (Item 1 from file: 202)  
DIALOG(R)File 202:(c) Information Today, Inc. All rts. reserv.

3600100  
Electronic textbooks: a pilot study of student e-reading habits.

16/AA,AN,TI/4 (Item 2 from file: 202)  
DIALOG(R)File 202:(c) Information Today, Inc. All rts. reserv.

3500128  
Electronic books and related technologies

16/AA,AN,TI/5 (Item 3 from file: 202)  
DIALOG(R)File 202:(c) Information Today, Inc. All rts. reserv.

2004407  
An economic assessment of electronic text (Technological applications for  
institutions of higher education).  
Book Title: Report No: ED 257 442 Electronic Text Report Series. No. 6

16/AA,AN,TI/6 (Item 1 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: E-books and the future of reading

16/AA,AN,TI/7 (Item 2 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Hey, look who took this out!-privacy in the electronic library

16/AA,AN,TI/8 (Item 3 from file: 2)  
DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts.  
reserv.

Title: Informatics: an element in business planning strategy

16/AA,AN,TI/9 (Item 1 from file: 233)  
DIALOG(R)File 233:(c) 2003 Info. Today Inc. All rts. reserv.

00552166 99CB11-004  
Electronic books and related technologies

16/AA,AN, TI/10 (Item 2 from file: 233)  
DIALOG(R)File 233:(c) 2003 Info. Today Inc. All rts. reserv.

00537096 99MQ06-003  
Judging a book by its digital cover

16/AA,AN, TI/11 (Item 3 from file: 233)  
DIALOG(R)File 233:(c) 2003 Info. Today Inc. All rts. reserv.

00330901 93LK11-002  
Dow Jones' Personal Journal for business execs on the go

16/AA,AN, TI/12 (Item 4 from file: 233)  
DIALOG(R)File 233:(c) 2003 Info. Today Inc. All rts. reserv.

00217375 90IW05-329  
Sony unveils palm-size CD ROM reader in Japan Device has on-board retrieval software

16/AA,AN, TI/13 (Item 1 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00119401

TITLE: A Flurry of Recent E-Book Announcements

16/AA,AN, TI/14 (Item 2 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00118895

TITLE: Adventures in the E-Book Trade

16/AA,AN, TI/15 (Item 3 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00083685

TITLE: Personal Journal: Daily News on Your Virtual Doorstep

16/AA,AN, TI/16 (Item 4 from file: 256)  
DIALOG(R)File 256:(c)2003 Info.Sources Inc. All rts. reserv.

00065555

TITLE: Letting Computers Choose Your News

16/AA,AN, TI/17 (Item 1 from file: 583)  
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09119168  
CHINA: MOTOROLA UNVEILED WIRELESS NETWORK DEVICE  
CHINA: MOTOROLA UNVEILED WIRELESS NETWORK DEVICE

16/AA,AN,TI/18 (Item 2 from file: 583)  
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

09036741  
Palm Dictionary Offered At A Discount  
MALAYSIA: BESTA DBP-1 SELLING AT DISCOUNT PRICE

16/AA,AN,TI/19 (Item 3 from file: 583)  
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

05450642  
Survey of Home Entertainment 2: A single box of tricks  
WORLD - MULTIMEDIA MARKET TAKES OFF

16/AA,AN,TI/20 (Item 4 from file: 583)  
DIALOG(R)File 583:(c) 2002 The Gale Group. All rts. reserv.

04314713  
GUARDED UNVEILING FOR SONY'S DATA DISCMAN  
US - GUARDED UNVEILING FOR SONY'S DATA DISCMAN

16/3,K/1 (Item 1 from file: 1)

DIALOG(R)File 1:ERIC

(c) format only 2003 The Dialog Corporation. All rts. reserv.

00583432 ERIC NO.: ED257442 CLEARINGHOUSE NO.: IR011674

An Economic Assessment of Electronic Text. Report Number Six of the Electronic Text Report Series.

Carey, John;

CORP. SOURCE: Electronic Text Consortium. (BBB23204)

45pp.

1984 (19840000)

NOTES: For a related document, see IR 011 678.

...context of a specific higher education institution. The report is based on several sources of **data**, including a survey of **electronic text** managers in the commercial and nonprofit sections; a survey of college students in three states dealing with their media habits, **access** to **personal** computers, and plans to **purchase** new technologies in the near future; an aggregation of **electronic text** industry cost and pricing **data**; and a secondary analysis of survey data collected by other researchers on the uses of...

16/3,K/3 (Item 1 from file: 202)

DIALOG(R)File 202:Info. Sci. & Tech. Abs.

(c) Information Today, Inc. All rts. reserv.

3600100

**Electronic textbooks: a pilot study of student e-reading habits.**

Author(s): Simon, Eric J

Corporate Source: Fordham College at Lincoln Center, New York, NY

Future of Print Media Journal

Publication Date: Winter 2000

Article URL: <http://www.futureprint.kent.edu/articles/simon01.htm>

Language: English

Document Type: E-Journal Article

Journal Announcement: 361

...the first time, all of the necessary elements are in place: inexpensive but highly functional **portable** reading **devices**, an increasing number of available book titles, and a technologically literate student population hungry for...

...obvious target for e-book implementation because college students typically embrace new technologies and also **purchase** a high volume of expensive, cumbersome, and rapidly discarded books. Points out that few studies...

...books on students' study habits. Reports results of a pilot study conducted to test which **e - book** **features** students use and value.

16/3,K/4 (Item 2 from file: 202)

DIALOG(R)File 202:Info. Sci. & Tech. Abs.

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3500128

**Electronic books and related technologies**

Author(s): Morgan, Eric Lease

Computers in Libraries vol. 19, no. 10, pages 36-39

Publication Date: November 1, 1999

ISSN: 1041-7915

Language: English

Document Type: Journal Article

Journal Announcement: 3501

...same as e-texts. Defines them as a hardware/software combination used to read electronic **data** on a **portable** electronic **device** specifically designed for such purposes. Discusses the growing number of hardware devices available for reading **e-book** **data**, such as the Rocket **eBook**, along with some that do not fit the strict hardware definition, such as **personal digital** assistants. Says that the North Carolina State University Libraries recently **purchased** a number of Rocket eBooks and SoftBook Readers for the purpose of garnering student and...

...about these devices. Notes that the jury is still out on their use, but these **purchases** gave the opportunity to explore ways to create content for these devices on a large...

16/3,K/5 (Item 3 from file: 202)

DIALOG(R)File 202:Info. Sci. & Tech. Abs.

(c) Information Today, Inc. All rts. reserv.

2004407

An economic assessment of electronic text (Technological applications for institutions of higher education).

Book Title: Report No: ED 257 442 Electronic Text Report Series. No. 6

Author(s): Carey, J

(45 pages)

Publication Date: 1984

Language: English

Document Type: Book Chapter

Journal Announcement: 2000

...context of a specific higher education institution. The report is based on several sources of **data**, including a survey of **electronic text** managers in the commercial and nonprofit sections; a survey of college students in three states dealing with their media habits, **access** to **personal** computers, and plans to **purchase** new technologies in the near future; an aggregation of **electronic text** industry cost and pricing **data**; and a secondary analysis of survey data collected by other researchers on the uses of...

16/3,K/6 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6599018 INSPEC Abstract Number: C2000-07-7230-001

Title: E-books and the future of reading

Author(s): Harrison, B.L.

Author Affiliation: SoftBook Press, Redwood City, CA, USA

Journal: IEEE Computer Graphics and Applications vol.20, no.3 p.

32-9

Publisher: IEEE,

Publication Date: May-June 2000 Country of Publication: USA

CODEN: ICGADZ ISSN: 0272-1716

SICI: 0272-1716(200005/06)20:3L.32:BFR;1-I

Material Identity Number: A822-2000-003

U.S. Copyright Clearance Center Code: 0272-1716/2000/\$10.00

Language: English

Subfile: C

Copyright 2000, IEE

Abstract: E - books serve the needs of people reading text **information** in digital formats. The article **looks** at technology trends, current design issues, and future prospects for e-books. A number of...

... reading and information dissemination over the ages, with the most recent being the Web and **portable** **information** appliances. Trends in

technology suggest further improvements to come that will enable even better e...

16/3,K/9 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 Info. Today Inc. All rts. reserv.

00552166 99CB11-004  
**Electronic books and related technologies**  
Morgan, Eric Lease  
Computers in Libraries , November 1, 1999 , v19 n10 p36-39, 3 Page(s)  
ISSN: 1041-7915

...same as e-texts. Defines them as a hardware/software combination used to read electronic **data** on a **portable** electronic **device** specifically designed for such purposes. Discusses the growing number of hardware devices available for reading **e-book** **data**, such as the Rocket **eBook**, along with some that do not fit the strict hardware definition, such as **personal** **digital** assistants. Says that the North Carolina State University Libraries recently **purchased** a number of Rocket eBooks and SoftBook Readers for the purpose of garnering student and...

... about these devices. Notes that the jury is still out on their use, but these **purchases** gave the opportunity to explore ways to create content for these devices on a large...

16/3,K/11 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 Info. Today Inc. All rts. reserv.

00330901 93LK11-002  
**Dow Jones' Personal Journal for business execs on the go**  
LINK-UP , November 1, 1993 , v10 n6 p1, 6, 2 Page(s)  
ISSN: 0739-988X  
Company Name: Dow Jones Information Services  
Product Name: Personal Journal

Reports that Dow Jones **Information** Services of Princeton, NJ (609) released Personal Journal (\$NA), an **electronic** **publication** that delivers business and financial **information** using Microsoft Corp.'s At Work-based **hand - held** **devices**. Says **Personal** Journal offers major news stories from the Wall Street journal, and lets subscribers create a...

... quotations on companies of interest. Also says the journal can check updated sports coverage, and **receive** weather reports for 75 major cities around the world. (tbc)

16/3,K/12 (Item 4 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2003 Info. Today Inc. All rts. reserv.

00217375 90IW05-329  
**Sony unveils palm-size CD ROM reader in Japan Device has on-board retrieval software**  
Reimer, Richard; Krohn, Nico  
InfoWorld , May 28, 1990 , v12 n22 p21, 1 Pages  
ISSN: 0199-6649

Announce the release in Japan of Data Diskman Electronic Book (EB) (\$386), a **palmtop** CD ROM reader, from Sony Corp. Says the battery-powered miniature CD ROM reader, released at the Tokyo Business **Show** , sports a 2-by-2.5-inch LCD screen and a QWERTY keyboard and can...

16/3,K/13 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00119401 DOCUMENT TYPE: Review

PRODUCT NAMES: eRocket (774464); SoftBook Reader (749303); SoftBook Personal Publisher (774481); Infinite Press Digital Publishing System (774472)

TITLE: A Flurry of Recent E-Book Announcements

AUTHOR: Staff

SOURCE: Information Today, v16 n9 p45(1) Oct 1999

ISSN: 8755-6286

Homepage: <http://www.infotoday.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020430

NuovoMedia's eRocket, SoftBook Press' SoftBook Reader and SoftBook Personal Publisher, and Infinite Ink's Infinite Press Digital Publishing System are described e-book technologies...

...many e-book devices. Librius.com's Internet bookstore for digital e-books can be previewed on the Web. NuovoMedia eRocket is a new utility that allows anyone with a PC to see RocketEdition texts without purchasing a handheld Rocket eBook. An enhanced version of SoftBook Reader has important new abilities, including EtherNet connections...

...corporate documents via Compact flash cards, and adherence to the public draft of the Open e-book specification. Infinite Press Digital Publishing System is a multiplatform e-book system that includes the DocLoc Rights Manager. Infinite Press Digital Publishing System aims to be the premier solution for publishing, vending, and reading of digital content on PCs and other viewing devices. Components are IP Publisher, a free tool that converts Open eBook 1.0 standard...

...content into compressed infinite press documents (IPDs), with optional encryption/security; IP Reader, a free viewer that reads IPDs; a browser plug-in that eases e-commerce purchasing; and Infinite Press...

16/3,K/14 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00118895 DOCUMENT TYPE: Review

PRODUCT NAMES: Rocket eBook (718785); SoftBook (718769)

TITLE: Adventures in the E-Book Trade

AUTHOR: Bajarin, Tim

SOURCE: Mobile Computing & Communications, v10 n3 p65(1) Sep 1999

ISSN: 1047-5567

Homepage: <http://www.mobilecomputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...will require vendors to add many of the functions usually found only in notebook and **handheld** computers. For instance, Rocket eBook now allows users to **download** the e-version of the 'Wall Street Journal' and to load the Rocket eBook with...

...day's collection of business documents and Web pages. NuvoMedia also has under development a **personal information** manager-like product with a calendar and address book. Rocket eBook users download content from the Barnes & Noble Web site as they need it, but the Rocket eBook has to be connected to a PC to **download** content and books. The Rocket eBook can also **receive information** from the PC. SoftBook and Rocket eBook are both small and light enough to be portable. Users **purchase** the SoftBook either with a subscription to **buy** \$20 per month of content, or can **purchase** only the SoftBook at a higher price and **purchase** downloadable books as desired. The SoftBook is a standalone computer with a built-in modem. **E - books**, with their new **features**, could become the first genuinely mobile network appliances. Users can also **purchase** e-books for a PalmPilot from Peanut Press, but the display screen is much smaller...

16/3,K/15 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00083685 DOCUMENT TYPE: Review

PRODUCT NAMES: Dow Jones Personal Journal (582166)

TITLE: Personal Journal: Daily News on Your Virtual Doorstep  
AUTHOR: Matson, Elaine  
SOURCE: Online User, v1 n1 p50(5) Oct/Nov 1995  
ISSN: 1085-7257

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20000830

Dow Jones Business **Information** Services' **Personal** Journal is a service that provides subscribers with customized information delivered by modem. Personal Journal...

...through a customization process to specify their interests in specific companies, columns, stocks, or other **information** categories. The **virtual newspaper** takes about three minutes to **download**, and opens up with a What's News section, which is a replica of the...

16/3,K/17 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09119168

CHINA: MOTOROLA UNVEILED WIRELESS NETWORK DEVICE  
CHINA: MOTOROLA UNVEILED WIRELESS NETWORK DEVICE

China Daily 14 Jun 1999 P.6

Language: ENGLISH

Motorola has introduced the world's first wireless **personal** networking **device**, MobilePad 800, in Shanghai in June. MobilePad can process email messages, access **electronic newspaper**, **download** real time stock and financial **information**, has **PDA** and radio paging functions. It is available in Beijing, Shanghai and Guangzhou at around US...

16/3,K/18 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09036741

Palm Dictionary Offered At A Discount  
MALAYSIA: BESTA DBP-1 SELLING AT DISCOUNT PRICE  
New Straits Times (XAS) 29 Dec 1998 p.13  
Language: ENGLISH

...by Inventec Corporation and Dewan Bahasa dan Pustaka (DBP), Besta DBP-1, the innovative personal **palmtop** computer dictionary is now selling at a discounted price. According to Datuk Seri Najib Tun Razak, the Education Minister, schools nationwide will soon **receive** discounted coupons which are valued at RM 300 for **purchase** of the item. In addition to the existing DBP dictionaries, the product will also **feature** three additional **electronic books** - the Electronic Manager Card, New Horizon English Dictionary and the American Heritage English Dictionary. The...

?show files;ds  
File 13:BAMP 2003/Jun W4  
    (c) 2003 Resp. DB Svcs.  
File 47:Gale Group Magazine DB(TM) 1959-2003/Jun 25  
    (c) 2003 The Gale group  
File 75:TGG Management Contents(R) 86-2003/Jun W4  
    (c) 2003 The Gale Group  
File 635:Business Dateline(R) 1985-2003/Jul 01  
    (c) 2003 ProQuest Info&Learning  
File 570:Gale Group MARS(R) 1984-2003/Jun 30  
    (c) 2003 The Gale Group  
File 387:The Denver Post 1994-2003/Jun 30  
    (c) 2003 Denver Post  
File 471:New York Times Fulltext 90-Day 2003/Jun 30  
    (c) 2003 The New York Times  
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
    (c) 2002 Phoenix Newspapers  
File 494:St LouisPost-Dispatch 1988-2003/Jun 30  
    (c) 2003 St Louis Post-Dispatch  
File 498:Detroit Free Press 1987-2003/Jun 27  
    (c) 2003 Detroit Free Press Inc.  
File 631:Boston Globe 1980-2003/Jun 29  
    (c) 2003 Boston Globe  
File 633:Phil.Inquirer 1983-2003/Jun 30  
    (c) 2003 Philadelphia Newspapers Inc  
File 638:Newsday/New York Newsday 1987-2003/Jun 29  
    (c) 2003 Newsday Inc.  
File 640:San Francisco Chronicle 1988-2003/Jun 29  
    (c) 2003 Chronicle Publ. Co.  
File 641:Rocky Mountain News Jun 1989-2003/Jun 26  
    (c) 2003 Scripps Howard News  
File 702:Miami Herald 1983-2003/Jun 30  
    (c) 2003 The Miami Herald Publishing Co.  
File 703:USA Today 1989-2003/Jun 30  
    (c) 2003 USA Today  
File 704:(Portland)The Oregonian 1989-2003/Jun 29  
    (c) 2003 The Oregonian  
File 713:Atlanta J/Const. 1989-2003/Jun 29  
    (c) 2003 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2003/Jun 29  
    (c) 2003 Baltimore Sun  
File 715:Christian Sci.Mon. 1989-2003/Jul 01  
    (c) 2003 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2003/Jun 30  
    (c) 2003 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2000/Nov 01  
    (c) 2000 St. Petersburg Times  
File 476:Financial Times Fulltext 1982-2003/Jul 01  
    (c) 2003 Financial Times Ltd  
File 477:Irish Times 1999-2003/Jun 12  
    (c) 2003 Irish Times  
File 710:Times/Sun.Times(London) Jun 1988-2003/Jun 30  
    (c) 2003 Times Newspapers  
File 711:Independent(London) Sep 1988-2003/Jul 01  
    (c) 2003 Newspaper Publ. PLC  
File 756:Daily/Sunday Telegraph 2000-2003/Jul 01  
    (c) 2003 Telegraph Group  
File 757:Mirror Publications/Independent Newspapers 2000-2003/Jul 01  
    (c) 2003  
File 15:ABI/Inform(R) 1971-2003/Jul 01  
    (c) 2003 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2003/Jul 01  
    (c) 2003 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2003/Jun 27  
    (c)2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2003/Jun 30  
(c) 2003 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jun 27  
(c) 2003 The Gale Group

Set	Items	Description
S1	43196	*deleted* (ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR NEWSPAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? ?)
S2	8301	*deleted* EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ? OR EPAPER? ? OR EPERIODICAL? ? OR ETEXT? ? OR EMA-G? ?
S3	20692872	*deleted* CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO OR KNOWLEDGE OR FEATURE? ? OR ATTRIBUTE? ? OR PROPERTIES OR SPECIFICATION? ? OR SPECS OR PARTICULARS
S4	11385018	*deleted* MOBILE OR CARRY??? OR CARRIE? ? OR TRANSPORTABLE OR PERSONAL OR PRIVATE OR PORTABLE OR COMPACT
S5	2317614	*deleted* READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER - OR VDU
S6	668196	*deleted* PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE- ) (2N) (DIGITAL OR DATA OR INFORMATION OR ORGANI?ER? OR DEVICE? OR ACCESS) OR HANDHELD? ? OR HAND()HELD? ? OR PALMTOP? ? OR P- ALM()TOP? ? OR VISOR OR HANSPRING OR PALM() (PILOT? OR VII)
S7	22779981	*deleted* VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR - DOWNLOAD? ? OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S8	12875360	*deleted* ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? - OR PURCHASE? ? OR PROCURE? ?
S9	9125	S3(10N) (S1 OR S2)
S10	695511	S6 OR (S4(3N) S5)
S11	0	S9(10N) S10(10N) (S7 OR S8)
S12	22779981	VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR DOWNLOAD? ? OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S13	12875360	ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? OR PURCHASE? ? OR PROCURE? ?
S14	172	S9(10N) S10(10N) (S12 OR S13)
S15	122	S9(5N) S10(5N) (S12 OR S13)
S16	1	S9(5N) S10(5N) (S12(S) S13)
S17	1	S9(10N) S10(10N) (S12(S) S13)
S18	158	S9(S) S10(S) (S12 AND S13)
S19	107	S9(10N) S10(10N) (S12 AND S13)
S20	81	S9(5N) S10(5N) (S12 AND S13)
S21	59	S20 NOT PY>2000
S22	10	S21 NOT PD=20000113:20030831
S23	6	RD (unique items)

23/3,K/1 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05522973 SUPPLIER NUMBER: 58224256 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**LIGHTING SOFTWARE.**  
Entertainment Design, 33, 11, 81  
Dec, 1999  
ISSN: 1520-5150 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2083 LINE COUNT: 00176

... WEST SIDE SYSTEMS  
The PC Cue Book permits reading lighting console disks on a PC.  
Shows cue information in electronic book format. Features  
multi-channel tracking and compact display of part cues. MS-DOS version  
for Lightpalette 90 available. Other consoles and platforms will...

23/3,K/2 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03714467 SUPPLIER NUMBER: 12158154 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The telephone's new frontier. (includes related article on AT&T**  
**Microelectronics' AVP1000 Video Codec chip set for audio and video**  
**compression and decompression) (White Paper)**  
Electronics, v65, n4, pSA2(11)  
April, 1992  
ISSN: 0883-4989 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2359 LINE COUNT: 00193

... via an attachment that plays an optical disk or other type of  
storage medium, giving viewers access to an extensive library of games,  
instructional material, electronic books, and other types of  
information. On the personal computer front, CD-ROM drives offer  
sophisticated games, books, and other information sources in a...

23/3,K/3 (Item 1 from file: 640)  
DIALOG(R)File 640:San Francisco Chronicle  
(c) 2003 Chronicle Publ. Co. All rts. reserv.

09856058  
**THE BOOK ELECTRIC A COMPUTER ILLITERATE TRIES HIS HAND AT A NEW MEDIUM**  
San Francisco Chronicle (SF) - TUESDAY, December 22, 1998  
By: Sam Whiting, Chronicle Staff Writer  
Edition: FINAL Section: DAILY DATEBOOK Page: E1  
Word Count: 1,334

... still come out ahead, and the bookcase will continue to fill.  
----- THE FINE PRINT ON ELECTRONIC  
BOOKS

What is an "electronic book"? Electronic books download  
information from a personal computer or through a phone line into a  
device that looks like an Etch-A-Sketch and allows for writing in the  
margin.

The attraction, according...

23/3,K/4 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00797882 94-47274  
Who's the PDA king?  
Henning, Jeffrey  
Computerworld v27n50 PP: 46 Dec 13, 1993  
ISSN: 0010-4841 JRNL CODE: COW  
WORD COUNT: 717

...TEXT: one quarter the weight of notebooks.

PREACHING TO THE CONVERTED

Apple has talked about using **PDAs** to access digital **information**, such as travel guides; reference works and **electronic books**. But there is an insufficient store of digital **information** to motivate users to **purchase PDAs**. Moreover, the most important digital information is the information that users create on their PCs...

23/3,K/5 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05641466 Supplier Number: 50087006 (USE FORMAT 7 FOR FULLTEXT)  
New Software from BSQUARE Enables Mobile Professionals to Organize and  
Carry Catalogs of Information on Windows CE-based Handheld PCs.

Business Wire, p6160332  
June 16, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 846

... end of June.

bREADY is a software program that enables users to collect and organize **data** from the desktop or network into **electronic "books"** with "chapters" on a desktop machine, and then **download** the **information** to a **Handheld** PC for easy reference while mobile.

The application provides a necessary information solution for the...

23/3,K/6 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2003 The Gale Group. All rts. reserv.

01886700 SUPPLIER NUMBER: 03035148 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Teletext: information cornucopia.  
Vilardi, Vivienne E.  
Marketing & Media Decisions, v18, p60(7)  
Dec, 1983  
ISSN: 0195-4296 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4750 LINE COUNT: 00384

Using a special decoder that is simular to a **hand - held** calculator, the home **viewer** can **request** any page of **information** from the pages of teletext **information** or "electronic magazine." The page stays on the screen as long as the user wishes.

Teletext information can...

FILE 'CONFSCI' ENTERED AT 14:43:49 ON 01 JUL 2003

L1 18 S (ELECTRONIC OR E OR VIRTUAL) (W) (BOOK# OR MAGAZINE# OR NEWSPAP  
L2 1 S EBOOK OR EPUB? OR EJOURNAL# OR EMAGAZINE# OR ESERIAL# OR EPAP  
L3 75378 S CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO OR  
L4 8781 S MOBILE OR CARRY## OR CARRIE# OR TRANSPORTABLE OR PERSONAL OR  
L5 4446 S READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER OR VDU  
L6 376 S PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2A) (DIGITAL  
L7 23662 S VIEW## OR SHOW## OR LOOK## OR PREVIEW## OR DOWNLOAD# OR T  
L8 4672 S ORDER## OR REQUEST## OR REQUISITION? OR BUY# OR PURCHASE# OR  
L9 1 S L3(10A) (L1 OR L2)  
L10 400 S L6 OR (L4(3A)L5)  
L11 28288 S L7 OR L8  
L12 0 S L9(10A)L10(10A)L11  
L13 1 S L3 AND (L1 OR L2)  
L14 0 S (L1 OR L2) (10A)L10(10A)L11  
L15 19 S L1 OR L2  
L16 0 S L15 AND (L5 OR L6)

```
?show files;ds
File 9:Business & Industry(R) Jul/1994-2003/Jun 30
      (c) 2003 Resp. DB Svcs.
File 20:Dialog Global Reporter 1997-2003/Jul 01
      (c) 2003 The Dialog Corp.
File 610:Business Wire 1999-2003/Jul 01
      (c) 2003 Business Wire.
File 613:PR Newswire 1999-2003/Jul 01
      (c) 2003 PR Newswire Association Inc
File 624:McGraw-Hill Publications 1985-2003/Jul 01
      (c) 2003 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2003/Jun 29
      (c) 2003 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2003/Jun 30
      (c) 2003 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
      (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
      (c) 1999 PR Newswire Association Inc
```

Set	Items	Description
S1	20718	(ELECTRONIC OR E OR VIRTUAL) () (BOOK? ? OR MAGAZINE? ? OR NEWS PAPER? OR TEXT OR MANUAL? ? OR PUB? ? OR PUBLICATION? ? OR JOURNAL? ? OR SERIAL? ? OR PAPER? ? OR PERIODICAL? ? OR MAG? - ?)
S2	7612	EBOOK OR EPUB? OR EJOURNAL? ? OR EMAGAZINE? ? OR ESERIAL? ? OR EPAPER? ? OR EPERIODICAL? ? OR ETEXT? ? OR EMAG? ?
S3	14296020	CONTENTS OR INDEX OR INFORMATION OR DATA OR FACTS OR INFO - OR KNOWLEDGE OR FEATURE? ? OR ATTRIBUTE? ? OR PROPERTIES OR SPECIFICATION? ? OR SPECS OR PARTICULARS
S4	7353259	MOBILE OR CARRY??? OR CARRIE? ? OR TRANSPORTABLE OR PERSONAL OR PRIVATE OR PORTABLE OR COMPACT
S5	1110694	READER OR TERMINAL OR VDT OR DISPLAY OR VIEWER OR VDU
S6	376098	PDA OR PDAS OR (PERSONAL OR PRIVATE OR PORTABLE) (2N) (DIGITAL OR DATA OR INFORMATION OR ORGANIZER? OR DEVICE? OR ACCESS) OR HANDHELD? ? OR HAND()HELD? ? OR PALMTOP? ? OR PALM()TOP? ? OR VISOR OR HANSPRING OR PALM() (PILOT? OR VII)
S7	13791251	VIEW??? OR SHOW??? OR LOOK??? OR PREVIEW??? OR DOWNLOAD? ? OR TRANSFER? OR DOWN()LOAD? ? OR RECEIVE? ?
S8	8721511	ORDER?? OR REQUEST?? OR REQUISITION? OR BUY? ? OR PURCHASE? ? OR PROCURE? ?
S9	4747	S3(10N) (S1 OR S2)
S10	391121	S6 OR (S4(3N) S5)
S11	119	S9(10N) S10(10N) (S7 OR S8)
S12	81	S9(10N) S10(10N) (S7 AND S8)
S13	8	S9(10N) S10(10N) (S7(S)S8)
S14	58	S12 NOT PY>2000
S15	10	S14 NOT PD=20000113:20030831
S16	8	RD (unique items)

16/3,K/1 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

06208721 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Sunday set to launch multi-service smart card**  
HONG KONG STANDARD  
July 15, 1999  
JOURNAL CODE: WHKS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 232

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... would include wireless commerce, mobile stock trading and banking, electronic ticketing for films and concerts, **purchase** and delivery of goods (such as flowers), **information** on demand (for instance, sports and weather) and entertainment ( **electronic magazines** , sports and games).

"Everyone's **looking** for the 'killer' application, but the real killer application is the ability to personalise the **mobile terminal** , and I am pleased that Sunday is the first to do it," said managing director

...

16/3,K/2 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03089522  
**Satellite book distribution in the wings**  
SECTION TITLE: News  
Jan Howells  
NEWSWIRE (VNU)  
October 12, 1998  
JOURNAL CODE: WNEW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 212

... would be made up of a chain of content-transmission centres, satellites, receiving terminals and **portable** ebook reading **devices** . Digital content provided by publishers would be transmitted via groundstations to satellites, which would beam the **ebook data received** to terminals in bookstores or direct into home PCs. Content would be purchased via credit...

16/3,K/3 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

01943909 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**New Software from BSQUARE Enables Mobile Professionals to Organize and Carry Catalogs of Information on Windows CE-based Handheld PCs**  
BUSINESS WIRE  
June 16, 1998 14:55  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 831

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... **Workforce**  
BSQUARE(R) Corporation today announced that it will release bREADY for Windows CE-based **Handheld** PCs by the end of June.  
bREADY is a software program that enables users to collect and organize **data** from the desktop or network into **electronic "books"** with "chapters" on a desktop machine, and then **download** the **information** to a **Handheld** PC for easy reference while mobile.

The application provides a necessary information solution for the...

16/3,K/4 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00039302 19990503123B0569 (USE FORMAT 7 FOR FULLTEXT)  
**BSQUARE Releases bREADY Upgrade for Windows CE-based PC Companions**  
Business Wire  
Monday, May 3, 1999 19:08 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 611

...information appliances, today  
announced the availability of bREADY(TM) 2.10 for Windows CE-based  
Handheld and Palm-size PCs.

Flush with a host of new features for improved versatility, bREADY  
software enables users to collect and organize HTML-based **data** from the  
desktop or network into **electronic "books"** with "chapters" on a desktop  
machine, and then **download** the **information** to a PC Companion for easy  
reference while mobile.

"We've seen many uses for..."

16/3,K/5 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01859630 Supplier Number: 43193101 (USE FORMAT 7 FOR FULLTEXT)  
**UPDATE: SONY DATA DISCMAN AND ELECTRONIC BOOK**  
Morgan Report on Directory Publishing, pN/A  
August, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 772

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...reported on the Sony Electronic Book Authoring System (SEBAS), a  
software product for publishers developing **Electronic Books** for Sony's  
Data Discman. The **Electronic Book** is a 3.14" CD-ROM disc that holds  
200 megabytes of data. The Data Discman player, a **portable CD-ROM viewer**  
with a built-in display and keyboard, is the hardware which is designed to  
play...

16/3,K/6 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0328928 BW150

**GEOWORKS: GeoWorks software development toolkit in beta; first developers  
training seminar held**

April 13, 1993

Byline: Business Editors and Computer Writers

...application category for the CCD market.  
Brilliance Electronic Publishing, developers of the Talking Type audio

electronic books used on the Sony DD-10EXB Data Discman, will be looking at GEOS to build similar applications for use on CCDs.

"Hand - held devices that utilize a pen stylus for navigation are a natural fit for our Electronic..."

16/3,K/7 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1171862 PHTU069

**Franklin Sales Up 6% in Profitable Second Quarter; CEO David Announces Plan To Leave Franklin; Goldman Sachs Engaged to Evaluate Strategic Alternatives**

DATE: October 21, 1997

18:14 EDT

WORD COUNT: 755

... for the historical information contained herein, the matters discussed in this news release are forward **looking** statements that involve risks to and uncertainties in Franklin's business, including, among other things, the timely availability and acceptance of new **electronic books**, and **personal information** management products, changes in technology, the impact of competitive electronic products, the management of inventories...

16/3,K/8 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1131263 PHM010

**Franklin Electronic Publishers Announces Share Buy-Back Plan**

DATE: July 28, 1997

08:56 EDT

WORD COUNT: 321

... for the historical information contained herein, the matters discussed in this news release are forward **looking** statements that involve risks to and uncertainties in Franklin's business, including, among other things, the timely availability and acceptance of new **electronic books**, and **personal information** management products, changes in technology, the impact of competitive electronic products, the management of inventories...